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DEPARTMENT OF TRANSPORTATION



COAST GUARD

**OCEANOGRAPHY OF THE
GRAND BANKS REGION OF
NEWFOUNDLAND**

MARCH 1971-DECEMBER 1972



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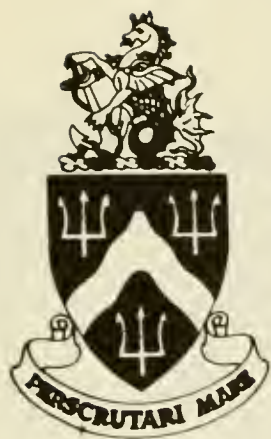
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OCEANOGRAPHIC REPORT No. CG 373-70



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OCEANOGRAPHY OF THE GRAND BANKS REGION OF NEWFOUNDLAND MARCH 1971 - DECEMBER 1972

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Oceanographic Unit

Washington, D.C.

June 1976





USCGC EVERGREEN (WAGO 295)

ABSTRACT

Results of oceanographic surveys off the Grand Banks of Newfoundland from April through June 1972 in support of International Ice Patrol and twelve occupations of Standard Sections A1-A4 are discussed. Analysis includes vertical temperature and salinity profiles for each section as well as dynamic-topographic charts for each Ice Patrol survey. Normal dynamic topography charts of the Grand Banks region are updated. Results are similar to those obtained by Soule (1964). Finally there is a discussion of the oceanographic and meteorological conditions which caused more icebergs to drift south of 48°N in 1972 than in any previous year in Ice Patrol history. These conditions include iceberg supply, wind, currents, waves/sea ice, sea temperatures, air temperatures, and precipitation. It is concluded that the single most important factor effecting these conditions is the location and intensity of the Icelandic low.

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OCEANOGRAPHY OF THE GRAND BANKS REGION OF NEWFOUNDLAND

March 1971—December 1972

Robert W. Scobie¹

INTRODUCTION

The iceberg threat to North Atlantic shipping was more severe in 1972 than in any other year in International Ice Patrol (IIP) history. The ice season officially extended from 29 February to 4 September—the longest ever. During that period, a record 1587 icebergs were reported south of 48°N. This surpassed the previous high of 1320 icebergs sighted in 1929. In 1972 icebergs were reported as far east as 47°02'N, 36°59'W and as far south as 39°57'N, 45°06'W. For the first time since 1959, conditions were severe enough to require a surface patrol to standby the southernmost iceberg. This duty was shared by several Coast Guard cutters from 25 April until 25 July when icebergs were no longer a threat below 43°N.

Oceanographic Operations

During the months of April, May, and June, when the iceberg threat was greatest, three oceanographic cruises were conducted to the area immediately eastward of the Grand Banks of Newfoundland by the USCGC EVERGREEN (WAGO-295). The purpose of these cruises was two-fold. First, it was to provide Commander, International Ice Patrol (CIIP) with real-time oceanographic data for predicting iceberg drift in the North Atlantic Ocean. Second, it was to support U.S. Coast Guard oceanographic research programs. The crew of CGC EVERGREEN was augmented with a field party of scientists and technicians from the U.S. Coast Guard Oceanographic Unit (CG OCEANO) on each of these cruises.

Itinerary

On 3 April the CGC EVERGREEN departed its homeport of Boston, Massachusetts on a 21-day cruise which included a one day port call at St. John's Newfoundland. The oceanographic work conducted on this cruise consisted of 72 STD stations taken along 7 standard Ice Patrol sections extending from A2 to A4 (fig. 1). Several casts were taken at other than the desired position because of locally heavy concentrations of icebergs.

During the second cruise of 17 days, which began on 5 May, 53 STD stations were occupied on six standard sections from A4 to A2B. The final CGC EVERGREEN cruise of the season commenced on 3 June. After completing section A4 and part of section A3C, a large dead-in-the-water contact appeared on the radar. Proceeding slowly through thick fog, CGC EVERGREEN was able to identify the contact as a large tabular iceberg located at 42°42'N, 49°20'W. Commander International Ice Patrol then ordered CGC EVERGREEN to standby this iceberg and assume full duties of surface patrol vessel. Thus from 7 June until 15 June, oceanographic work was confined to the area around the iceberg. During this period STD casts, XBT casts, and photographs of the iceberg were taken. After being relieved of this responsibility, an abbreviated survey along 4 sections from A3B to A2 was conducted. Of the 54 STD casts taken during this cruise, 16 were taken near the large iceberg. The CGC EVERGREEN returned to Boston on 22 June.

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Other Occupations of Standard Sections

Twelve other occupations of Coast Guard standard sections A1-A4 are listed in Appendix A. These were conducted by Coast Guard cut-

ters traveling to or from ocean station patrols. The 1971 occupations are included as they have not previously been reported in the CG-373 Series.

INSTRUMENTATION AND METHODS

International Ice Patrol Cruises

Data from all 179 oceanographic stations taken during the three 1972 Ice Patrol cruises aboard CGC EVERGREEN were obtained using a Plessey Environmental Systems, Model 9040, S/T/D Environmental Profiling System (STD). The Plessey Environmental Systems, Model 8114A, Digital Data Logger (DDL) was used to record these data on magnetic tape. However, as CGC EVERGREEN did not have the on board computer capability to process DDL tapes, it was necessary to read the STD analog traces and to transmit the data including quality control temperatures and salinities to CG OCEANOU for real-time processing. This processing was accomplished with a Honeywell DDP-516 computer utilizing the programs described by Hislop (1973). Following the Ice Patrol season, the DDL tapes were processed on the Control Data Corporation (CDC) 3300 computer using the procedures described by Rosebrook (1974).

A Niskin bottle, equipped with two protected and two unprotected deep sea reversing thermometers, was attached immediately above the underwater sensing unit on all deep stations for

quality control. Conductivity ratios of these samples were determined on board CGC EVERGREEN using a portable inductive salinometer and were converted to salinities using formulae published in the International Oceanographic Tables (1966). Temperatures were also processed on board CGC EVERGREEN with a Dietzgen Model 7410-PA programmable calculator with programs developed at CG OCEANOU. Dynamic heights in shallow water were calculated using the modified Helland-Hansen method described by Kollmeyer et al., (1967).

Occupation of Standard Sections

Data from the 12 occupations of standard sections A1-A4 reported here were obtained from either STD or Nansen casts depending on how each ship was outfitted. The cast procedures outlined in the Manual for Oceanographic Operations (CG-410) were followed during these occupations. Station data were processed using conventional CG OCEANOU procedures. Vertical temperature and salinity profiles for these occupations are presented as Figures 2 through 24. Similar profiles for all IIP occupations of A2, A3, and A4 are also presented (figs. 25 through 38).

UPDATING THE NORMAL DYNAMIC TOPOGRAPHY CHARTS

Background

Floyd M. Soule, who was a prominent member of International Ice Patrol for a period spanning more than 30 years, published the original normal dynamic topography charts of the Grand Banks area (Soule, 1964). These charts were developed primarily for use by Commander, International Ice Patrol (CIIP). Before explaining how they were updated, the evolution and use of these charts will be reviewed.

The 15 April 1912 sinking of the luxury liner Titanic following her collision with an iceberg at 41°16'N, 50°14'W, some 300 miles south of Newfoundland, prompted international shipping interests to demand that an organization be formed to continually advise the mariner of the iceberg danger. The result of this outcry was the establishment of the International Ice Patrol by the International Convention for the Safety of Life At Sea (SOLAS) in 1913. This service, financed by SOLAS member nations and operated by the U.S. Coast Guard, is designed to advise the mariner of any iceberg danger, as well as to conduct oceanographic research, in the area of the Grand Banks. The oceanographic conditions in this area are very complex as it is the confluence region of the cold southerly flowing Labrador Current and the warm northerly flowing North Atlantic Current.

During the first few years of Ice Patrol, the emphasis was placed on ice observation and advisories. As a result, the oceanographic data collected was quite sparse and of only limited value. However, as oceanographic techniques and equipment improved, it became apparent that oceanographic operations could be valuable to CIIP. For the first time in 1931 an Ice Patrol vessel was devoted to oceanographic research, and by 1934 data were being collected in a systematic and concentrated manner.

That year, two significant changes in IIP operations occurred. First the Wenner Salinity Bridge replaced the tedious titration method

previously used to determine salinity. This greatly improved the accuracy and ease with which salinity samples could be determined (Soule and Hoyle, 1935). This instrument was used exclusively through the 1961 ice season. Then after two years of comparative testing, it was phased out and replaced by commercially produced portable inductive salinometers. The second change in 1934 was the replacement of the Jacobsen and Jensen method of determining dynamic heights in shallow water with the Helland-Hansen method (Soule and Hoyle, 1935). This method is still used, although it has been slightly modified for adaption to computer usage (Kohneyer, et al., 1967).

Since 1934 only one other major change in the collection and processing of data has been made. In 1966, the STD replaced the Nansen bottle as the primary sampling device. However, Nansen bottles equipped with deep sea reversing thermometers continue to be used to quality control STD data.

Use

Every year that IIP has been conducted since 1934, at least some time has been spent surveying the northeastern, eastern, and southern slopes of the Grand Banks. As the general oceanic circulation in this area is similar from year to year, Soule felt that monthly normal dynamic topography charts would be of use to CIIP. They definitely have been. At times during the peak of the ice season (April-July), when no data are being collected, CIIP utilizes the normal charts as an aid in predicting iceberg drift.

Update

Soule's normal charts were based on 22 years of data collected from 1934-1941 and 1949-1961; IIP was suspended during World War II. For this first revision of the normal charts, data from 1962 through 1972 were added to the original data base. The data used in this revision consist of

- April—Forty-three surveys (no data from 1969)
- May—Forty-five surveys (no data from 1955 and 1969)
- June—Twenty-nine surveys (no data from 1941, 1951, 1957, 1963, 1965, 1966, 1969–1971)
- July—(no data prior to WW II nor from 1949, 1950, 1954, 1958, 1959, 1965, 1966, 1968–1972).

The July chart is somewhat abbreviated covering only a small area east of Cape Bonavista. From 1934 through 1972, no other areas were surveyed during July.

Data for the revised charts were processed exactly in the same manner as described by Soule (1964). Briefly, dynamic height values, dynamic height of the sea surface relative to the 1000 decibar surface, for each survey were computed at twenty minute intervals of latitude and longitude in the area surveyed. The dynamic heights at each interval were averaged for each month with equal weight given to each year rather than each survey. These average values were used to develop the monthly normal charts (figs. 41, 44, 47, 50). A standard deviation was computed at each interval. All locations with at least five surveys were used to contour a field of standard deviation for each month (figs. 42, 45, 48, 51). Finally a chart for each month (figs. 43, 46, 49, 52) was prepared which indicates data distribution and computed results at each interval according to the following format:

Individual Surveys	Years Represented
Standard Deviation in Dynamic Milli- meters	Average Dynamic Height of the Sea Surface Relative to the 1,000 Decibar Surface in Dynamic Meters minus 970.00

General Comments

The Labrador and North Atlantic Currents, as well as a region of low dynamic topography between them, are clearly present on the April,

May, and June normal charts. Using information from recent Canadian Hydrographic Service charts, it is clear that the bottom topography affects the flow of both currents. The steepest gradients of the Labrador Current closely parallel the bottom contours along the eastern slope of the Grand Banks implying that the Grand Banks acts as a lateral boundary of this current. The flow of the North Atlantic Current is influenced as it passes over and around the northern end of the Newfoundland Ridge which is located south of the Tail of the Bank.

Current direction can be inferred quite realistically from the normal charts as being parallel to the isopleths of dynamic heights. However, geostrophic speeds are not as easily determined. Due to the averaging process, speeds calculated by taking measurements perpendicular to the isopleths of dynamic height are lower than those that actually exist in the Labrador Current. Thus the current as calculated from the normal charts only approaches a maximum of 40 cm/sec in a few extreme cases in the core of the Labrador Current. Whereas experiments such as those conducted by International Ice Patrol (direct measurement by parachute drogues) in 1966 (Wolford, 1969) indicate the speed of the Labrador Current actually varies from 50 to over 100 cm/sec. Thus when using the normal charts, one must be careful not to underestimate the current speed.

The fact that these revised charts closely resemble Soule's adds validity to the assumption that the general circulation in this area is basically the same from year to year. This is especially true for the core of the Labrador Current and the dynamic "trough" to the east of this current. Standard deviations are greatest near 41°N, 50°W and 42.5°N, 46°W. These are the areas which contain meanders of the North Atlantic Current. Annual changes combined with steep gradients result in standard deviations being as high as 20 centimeters in May.

1972 DYNAMIC TOPOGRAPHY SURVEYS

As has been the practice of IIP for many years, the 1000 decibar surface was used as a reference level in calculating dynamic heights from the 1972 data. Experiments as recent as 1970 (Ettle and Wolford, 1972) have shown that this level is suitable for IIP work. Thus, it is

possible to compare the dynamic topography of each 1972 survey (figs. 53, 54, and 55) directly with past surveys and the monthly normal charts. Such comparisons appear in later sections.

1972 ICEBERG STUDIES

Three icebergs were tracked by Coast Guard cutters, while acting as the surface patrol vessel, during the 1972 ice season. From 5 to 11 May, the CGC VIGOROUS (WMEC-627) tracked a medium iceberg using celestial fixes as the primary means of navigation. The May 1972 oceanographic survey (fig. 54) did not cover the area where this iceberg was drifting. However, from the May normal chart (fig. 44) and the May 1972 survey it is apparent that this iceberg was located well into the North Atlantic Current when it was being studied. This iceberg, drifting an average of more than 30 nmi per day, was predominantly effected by the North Atlantic Current (fig. 56). Only during the early part of the study period did the wind, which averaged 17 kns from 224°T (fig. 56), have any significant effect on the iceberg's drift.

CGC EVERGREEN tracked two icebergs—a large tabular iceberg from 8 to 15 June and a small iceberg from 9 to 13 June. Due to heavy fog, Loran A, with an accuracy of 3–5 miles, was used for positioning during this study. These icebergs drifted around in the same general area during the study period (fig. 57). These drifts were in great contrast to the one in May. During this study four sets of four STD stations were taken around the large iceberg. The general flow of the current in this area was southerly

(fig. 58), although not nearly as constant as in the core of the Labrador Current which existed farther to the north. From the iceberg drift, it appears that the effect on these icebergs from the southerly flowing current was to a great degree offset by the effect of the wind (fig. 57), which averaged 14 kns from 188°T during the large iceberg study and 195°T at 19 kns during the small iceberg study.

Four expendable bathythermograph (XBT) sections were conducted at two-day intervals. Each section, consisting of 10 XBTS, was on a constant bearing from the large iceberg ranging from 10 to 500 yards from the iceberg. The purpose of this experiment was to check for horizontal temperature gradients, previously mentioned by Kollmeyer et al, 1966, along each section. However, no gradient was apparent on any of these sections.

From photographs taken around an iceberg, mass determinations of that iceberg can be made. It was hoped that this could be accomplished several times during the drift study of the large iceberg, for such a study could yield information on the rate of deterioration of the iceberg. However, due to poor visibility, a good set of photographs was obtained only at the end of the drift study. At that time it was determined that the iceberg had a mass of approximately 3×10^9 kgs.

DISCUSSION OF 1972 ICE CONDITIONS

Although the number of icebergs which annually drift south of 48°N (fig. 59) fluctuates considerably, this number generally declined during the 40 years prior to 1972 (Table 1). In

TABLE 1—Yearly Average Number of the Icebergs South of 48°N

<i>Years</i>	<i>Average # of Icebergs</i>
1932–1941	419.1
1942–1951	418.1
1952–1961	251.6
1962–1971	146.3

fact, during that entire period, only in 1945 did this number exceed 1000. Why then did this trend come to such an abrupt end in 1972? Primarily it was a result of substantial changes in oceanographic and meteorological conditions during late 1971 and early 1972. These conditions directly affected the following factors that in turn determine the iceberg count on the Grand Banks:

- Supply of icebergs
- Wind
- Current
- Waves/Sea Ice
- Sea Temperature
- Air Temperature
- Precipitation

Iceberg Supply

Most of the icebergs which eventually reach the Grand Banks are calved from glaciers along the west coast of Greenland. Determining the annual iceberg production of these glaciers is a difficult task complicated by the remoteness of this vast region. One census will not result in an accurate count as icebergs may survive for several years in the survey area. To obtain an accurate production figure, it is necessary to conduct several censuses over a period of years while taking into account such factors as melting and

calving of icebergs. Since such studies have not been undertaken, it is not surprising that estimates of annual iceberg production vary greatly. Wolford (1972) reports several estimates of iceberg production ranging from 7,500 to 40,000 and suggests that the higher value is more realistic. Using even the most conservative estimates, the annual supply of icebergs is substantial enough to support heavy ice seasons on the Grand Banks.

Each year IIP conducts iceberg reconnaissance flights from Newfoundland northward along the Canadian coast to estimate the severity of the upcoming ice season. A January 1972 flight covered the coastal area to Cape Dyer and a February 1972 flight terminated at Cape Chidley. Past experience indicated that only icebergs located south of these points at these respective months will reach the Grand Banks during the following ice season. The result of these 1972 flights was surprisingly low iceberg counts (fig. 60).

This apparent contradiction can be explained. The majority of iceberg drift studies conducted by IIP found icebergs advancing southward 3 to 6 miles per day. However, in some instances, advances in excess of 20 miles per day have been noted (Wolford, 1972). Under ideal conditions, as was the case in 1972, it is not unreasonable to assume that icebergs can maintain a speed of advance of 0.5 knots over a long period of time. At this rate, icebergs that were in Baffin Bay in January could reach the Grand Banks during the ice season. With the supply of icebergs in Baffin Bay estimated to be more than 40,000 at any one time (Sanderson and Davis, 1972), only a small fraction of these icebergs is needed to greatly increase the severity of the ice season. This is what is believed to have happened in 1972.

Winds

Icebergs are transported to the Grand Banks by a complex combination of wind and current.

The wind acts directly on the subaerial portion of the iceberg and indirectly on the submerged portion through the force which it imparts on the ocean surface. The prevailing winds along the eastern Canadian coast are from the northwest, which are the most favorable for transporting icebergs toward the Grand Banks. Winds from any other direction tend to impede the advance of the icebergs. Obviously the advance of icebergs would be blocked by winds from the south. Easterly winds cause the icebergs to drift toward the Canadian coast where they ground and deteriorate. Westerly winds force icebergs out of the Labrador Current into the Labrador Sea, slowing the icebergs' southern progress and exposing the icebergs to warmer water of the Labrador Sea and wave action. As Wolford (1972) points out, winds in this region are dependent on the location and intensity of the Icelandic Low. This term applies to an area where lows form and intensify rather than one particular low pressure system. Northwesterly winds increase as this low deepens. Normally this low is weak during the summer and intensifies during the winter.

Due to severe low pressure systems (fig. 61), which traversed this region during the winter of 1971-1972, the Icelandic Low was more intense than normal for every month from December 1971 through June 1972 with the exception of April 1972, when conditions were close to normal. During these months, a mean surface pressure anomaly existed as shown in January (fig. 60). Since wind anomaly is related to lines of equal pressure anomaly as winds are to isobars, Buys-Ballot's Law may be applied in determining direction of wind anomaly. During the winter of 1971-1972, the prevailing northwesterly winds were reinforced by the deeper than normal Icelandic Low. These winds were extremely favorable for iceberg drift southward along the Canadian coast.

Currents

The Baffinland and Labrador Currents transport icebergs southward toward the Grand Banks. These currents, which move much slower than the wind and are less variable, act on most of the iceberg's surface area. A well developed current system is a necessary but not sufficient condition for a heavy ice year. The Labrador Current was well developed in 1957 (Dinsmore

et al., 1958), 1958 (Dinsmore et al., 1960), and 1959 (Budinger et al., 1960), but only 1957 and 1959 were heavy ice years. In 1958 other critical factors, including warmer than normal sea surface temperatures, were unfavorable and a light year resulted. At no time has there been a heavy ice season when the Labrador Current was not well developed.

Current data along the Labrador coast are very scarce, especially in the winter months. Russian scientists conducted the only survey in this area during the winter of 1971-1972. From their 8-9 November occupation of section 8-A (fig. 63), the volume transport of the Labrador Current was determined to be 6.5 Sv; which is 30% greater than normal. Later in the same cruise, section 6-A (14-15 December) and section 3-A (24-25 December), both of which are farther south, were also occupied. Volume transport was only 1.1 Sv across section 6-A and 6.8 Sv which is normal, across section 3-A (Kudlo, 1973).

On 21-22 March, CGC SHERMAN (WHEC-720) occupied section A-2 (figs. 14 and 15), and the volume transport was determined to be 2.16 Sv southward and 1.07 Sv eastward. This indicated that the southerly transport had nearly doubled since the December occupation of 6-A. It should be noted that the east-west portion of A-2 is very similar to the Russian section 6-A and the British Grand Banks-Flemish Cap section (Hill et al., 1974).

During a two week period in April, each of these sections was occupied. As part of an IIP survey, section A-2 was occupied on 7-9 April (figs. 25 and 26). The southward flow was 3.71 Sv while the eastward flow was 1.70 Sv. On 10 April, the southerly flow across section 6-A was 3.03 Sv (Kudlo, 1973). Hill et al. (1974) calculated the southerly flow to be 5.27 Sv from a 17-18 April occupation of the Flemish Cap-Grand Banks section. Two factors may have been responsible for the wide range in these transport values. First, as has been noted by Morgan (1969) and other IIP authors, the volume transport of the Labrador Current may undergo large changes over a short period of time. Second, much subjectivity is required in using the geostrophic method of determining currents especially in extrapolating values in shallow water and in selecting a reference level. As the Flemish Channel is very narrow and re-

quires much extrapolation, it is felt that in this case the second reason is the primary cause of the variation in the transport values. In addition, Hill et al. (1974) modified their geostrophic values with data from current meters located along the Grand Banks-Flemish Cap section. Although the British value is much greater than the Coast Guard's, their current profiles (fig. 64 and 65) are similar. In both cases the core of the Labrador Current is just to the east of the continental slope and an anomalous northward flow is just to the west of Flemish Cap. Comparing these data with available historical data, the Russian value is slightly greater than their normal (Kudlo, 1973) and the Coast Guard figure is higher than the running average which was terminated in 1964 (Kollmeyer et al., 1965). Thus it can be said that the Labrador Current was well developed in the first part of April.

The dynamic heights from the above occupation of section A-2 and those from the remainder of the three cruises conducted for IIP were contoured and are shown in figures 53, 54, and 55. The Labrador Current was well developed as far south as the Tail of the Bank through June with currents in excess of 50 cm/sec being found in the core. The volume transports generally increased through May before slackening in June. Such condition are extremely conducive to icebergs, southward drift.

While the flow of the Labrador Current was steady during this period, large fluctuations occurred in the North Atlantic Current and the dynamic trough region. The April dynamic topography was similar to the normal (fig. 41). However, by the May survey, conditions had changed dramatically and did not resemble either the April 1972 chart or the May normal (fig. 44). The dynamic trough had expanded and contained two distinct sections. The lower portion of the trough was adjacent to the Labrador Current as expected, but just to the east was a slightly higher portion of the trough which was dynamically flat. The temperature in this part of the trough was much higher than in the lower portion indicating that it may have been formed as a result of an eddy/meander separating from the North Atlantic Current. Another unusual condition existed south of the Tail of the Bank where the flow of the Labrador Current was abruptly blocked by a meander of the North Atlantic Current indicated by the presence

of warm saline water (figs. 31 and 32). Since the June survey was abbreviated, it is impossible to determine if these conditions had returned to normal at that time.

Waves/Sea Ice

There are two ways that iceberg drift is affected by sea ice. First, surface waves are rapidly dampened as they travel under this ice which reduces the eroding effect of these waves on icebergs. Second, large amounts of sea ice will keep the icebergs from drifting into bays and inlets along the coast (Schell, 1961). The presence of sea ice is an indication that the iceberg is in cold water where no deterioration will occur. From December through June, the sea ice extended farther south and east than normal (Sanderson, 1972a, Sanderson, 1972b, and Sanderson, 1972c). The greatest departure from the normal occurred in January (fig. 66), and even as late as May, sea ice remained off the coast of Newfoundland (fig. 67). Thus during the winter of 1971-1972, heavy ice conditions were such as to reduce the mortality of icebergs drifting southward along the eastern Canadian coast.

Sea Temperatures

It is obvious that with increased sea temperatures, more iceberg melting will occur. But for the entire first half of 1972 the water in the area of interest was colder than normal. It is clear from Sanderson (1972b), and Sanderson (1972c) that the average sea surface temperatures were below normal along the Labrador and eastern Newfoundland coasts for the first six months of 1972. Specific temperatures as much as 11°C colder than normal were reported in the Grand Banks area (Bailey, 1973). This unseasonably cold condition caused the 0°C sea surface isotherm to remain south of Newfoundland throughout March (fig. 68) (Royal Met. off., 1972a), and even as late as June this isotherm extended as far south as northern Newfoundland (fig. 69) (Royal Met. off., 1972b).

Colder than normal conditions also were found at depth. Burmakin (1973) noted that temperatures along sections 8-A, 7-A, 6-A, 4-A, and 3-A were between normal and 2.2°C below normal at various times from November through May in the upper 200 meters. Several IIP sections also indicate these cold conditions. The vertical temperature profile from the 7-8 April

occupation of Section A-2 gives an indication of the early extent of the Labrador Current (fig. 25). The 0°C isotherm extended to about 150 meters for nearly the entire section. The minimum water temperature was less than -1.6°C. The 0°C isotherm is significant as little iceberg melting will occur below this temperature. This cold core extended at least to the Tail of the Bank as can be seen in the vertical temperature profile from the 18-19 April occupation of section A-4. Here the 0°C isotherm extends below 150 meters, but the minimum temperature was just less than -1.2°C. As was previously noted, conditions had changed dramatically across this section by the 9-10 May occupation (fig. 31). However, from the vertical temperature profile of the 13-14 May occupation of section A-3, (fig. 33) one can see that the core of the Labrador Current was present although restricted closer to continental slope. Temperatures less than -1.0°C were reported and the 0°C isotherm was found deeper than 200 meters. By mid-June surface water temperature along Section A-3 had increased, but a cold core with temperature less than -1.4°C was reported, and the 0°C isotherm extended to 250 meters (fig. 37).

Colder than normal conditions continued through July and August. Each year the Fisheries Research Board of Canada and Memorial University of Newfoundland conduct sections across the Labrador Current from southern Labrador to the Tail of the Bank. Through 2 August below average temperatures were recorded to as far south as Flemish Cap. Even toward the end of August, temperatures less than -1.7°C were recorded in the Labrador Current near the Tail of the Bank (Templeman, 1973). Thus the generally colder than average water conditions tended to reduce iceberg mortality through melting in 1972.

Air Temperatures

Melting of the subaerial portion of iceberg is directly related to the air temperature. From

December through June, air temperatures along the coast of Labrador and Newfoundland were below normal. Monthly average temperatures were most anomalous during the first part of this period as for instance in February when the average temperature was 4°C below normal (fig. 70). Temperatures approached normal as the year progressed, but even as late as May (fig. 71) temperatures were still 2°C below normal. Temperatures recorded in the spring at four stations along the eastern Canadian coast (Table 2) were typical of these low values. It was not until June that temperatures increased to above normal and were high enough to cause substantial melting. Another indication of these conditions are frost degree day accumulations. From seven of the reporting stations in western Greenland and eastern Canada, it can be seen that record accumulations existed in each case (U.S. NAV-OCEANO, 1972). Thus melting due to air temperature was also less than normal in 1972.

Precipitation

As has been noted by Wolford (1972) and other authors, iceberg deterioration is accelerated during the passing of a storm and its associated front. It was further concluded that this is caused by increased rains as well as the increased winds that accompany such storms. Wolford (1972) also presents an example demonstrating the huge heat transfer that can result from such rain. This rapid heat transfer causes increased melting as well as increased internal stresses that may cause the iceberg to calve.

It has been noted that the number of storms passing through the region of interest was greater than normal during the winter of 1971-1972 and the spring of 1972. However, due to the colder than normal conditions which prevailed, according to the weather log from October 1971 through July 1972 at the representative stations at Goose Bay, Newfoundland, Gander, Newfoundland, and St. John's (Torbay),

TABLE 2.—Monthly Average Air Temperature and Deviation From Average In °C

	APRIL		MAY		JUNE	
	AVE	DEV	AVE	DEV	AVE	DEV
HOPEDALE -----	-9.5	-4.4	-1.1	-2.8	5.0	-2.2
CARTWRIGHT -----	-7.2	-4.4	-0.6	-3.9	7.8	-1.1
ST. ANTHONY -----	-4.4	-3.3	0.0	-3.3	6.7	-1.1
ST. JOHN'S -----	0.0	-1.1	5.0	-0.6	15.0	4.4

Newfoundland (U.S. Dept. of Commerce, 1972) more snowfall and less rainfall than normal resulted. This snowfall resulted in a sharp increase in snow cover between 1970 and 1971 (Kukla and Kukla, 1974), and an increased snow cover also in 1972. The cold temperature of

snow prohibits iceberg melting and in addition a layer of snow on an iceberg will insulate it from solar radiation which will also help reduce melting. Thus during the 1972 ice season, precipitation in the form of snow caused less iceberg deterioration than normal.

CONCLUSIONS

The record number of icebergs drifting into the North Atlantic Ocean in 1972 was a result of all critical meteorological and oceanographic being favorable for such drift prior to and during the ice season. The single most important factor in this record year was the increased intensity of the Icelandic Low. This resulted in the favorable northwesterly winds carrying

colder than normal air temperatures, which in turn helped produce greater ice cover, lower sea temperatures, and less rainfall. Although the change in the Icelandic Low was the single most important change from the previous season it is noted that each condition discussed here is necessary for a record year. A change in any one would have caused a reduced iceberg count.

ACKNOWLEDGMENT

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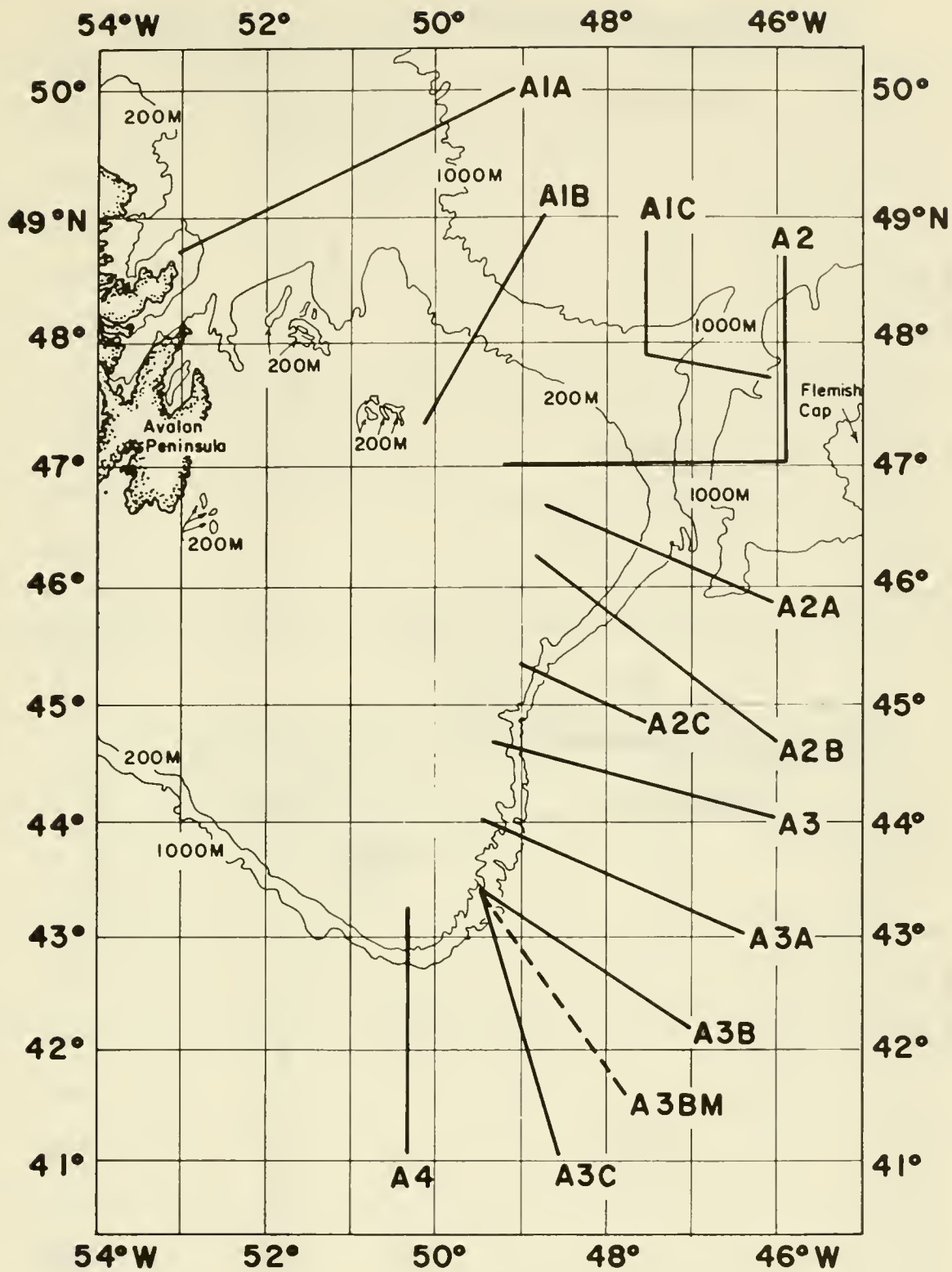


FIGURE 1. Standard International Ice Patrol Sections.

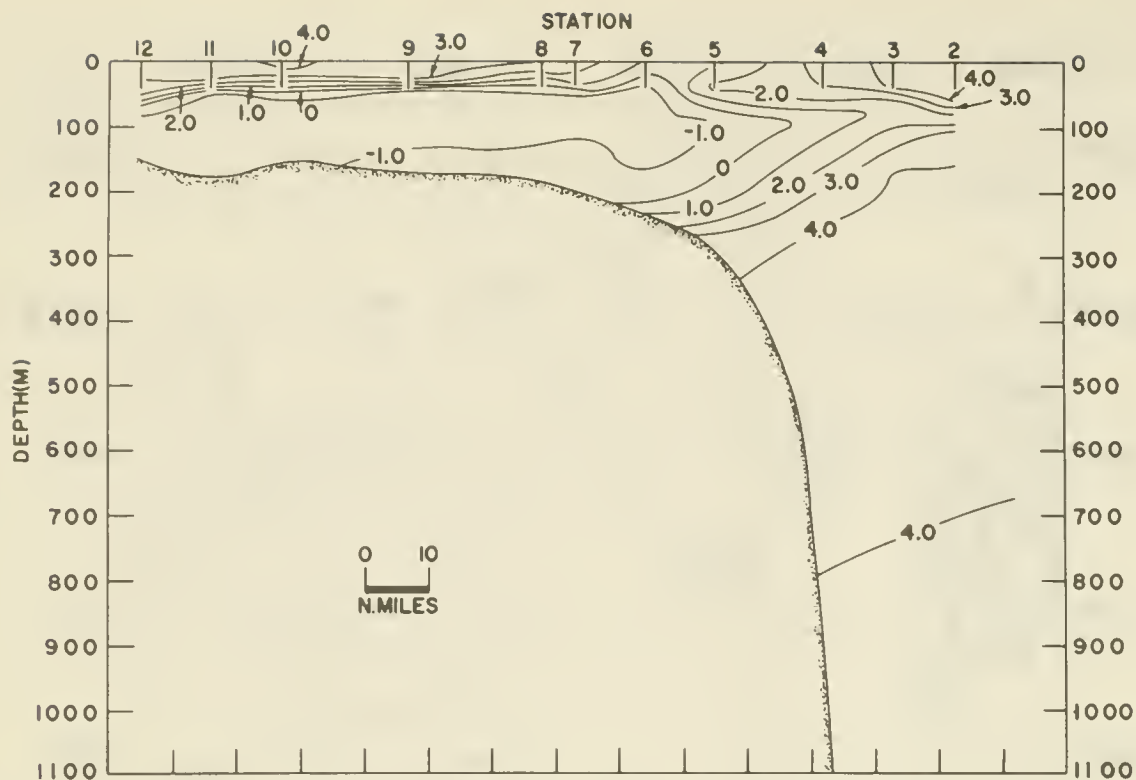


FIGURE 2. Vertical temperature ($^{\circ}\text{C}$) profile for section A1 occupied by CGC SPENCER, 21-22 September 1972.

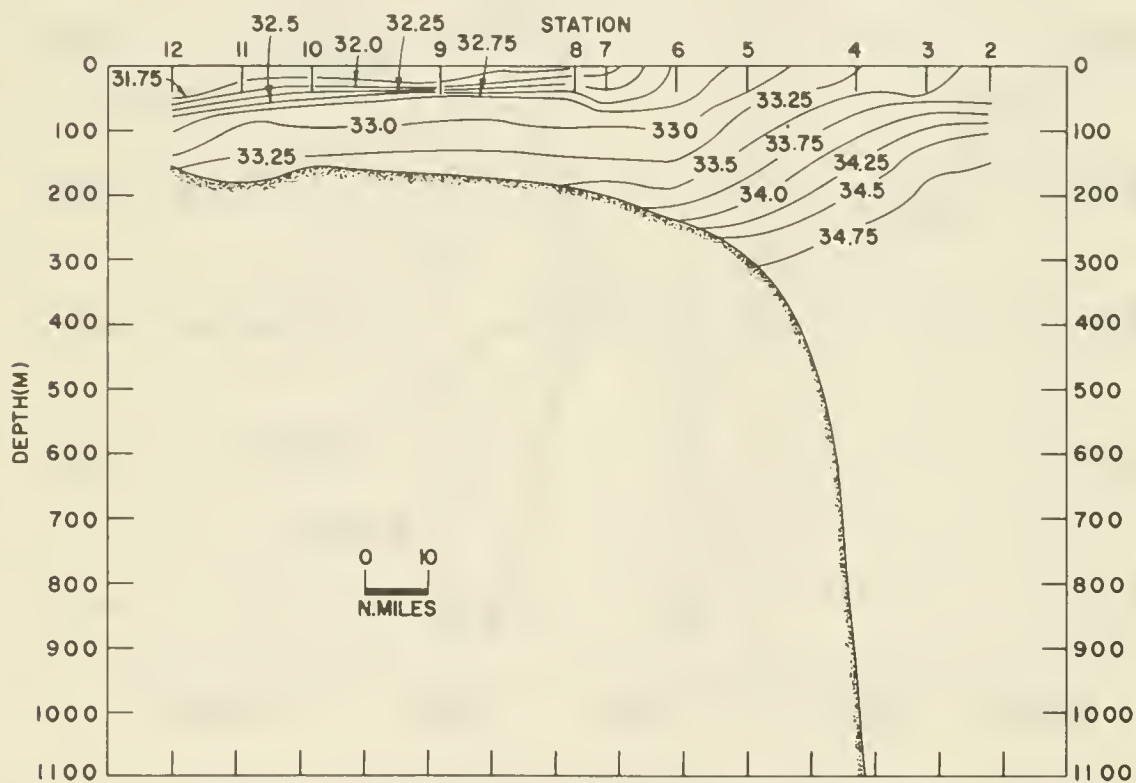


FIGURE 3. Vertical salinity (‰) profile for section A1 occupied by CGC SPENCER, 21-22 September 1972.

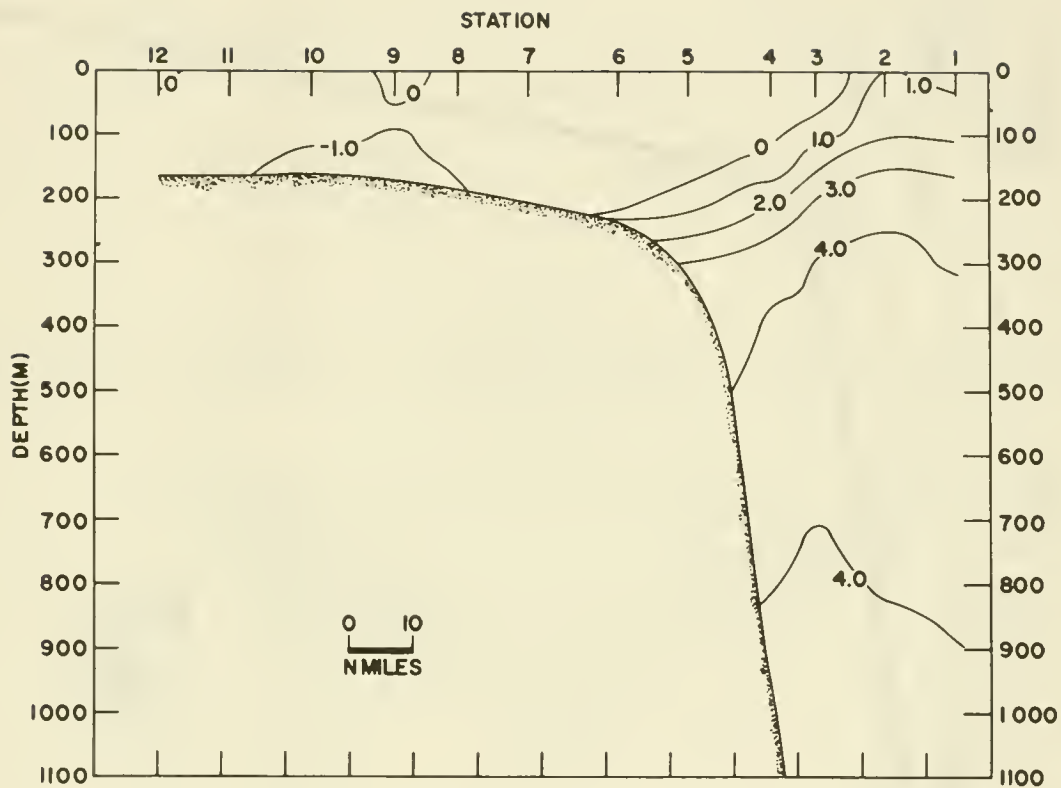


FIGURE 4. Vertical temperature ($^{\circ}\text{C}$) profile for section A1 occupied by CGC SHERMAN 20-22 November 1972.

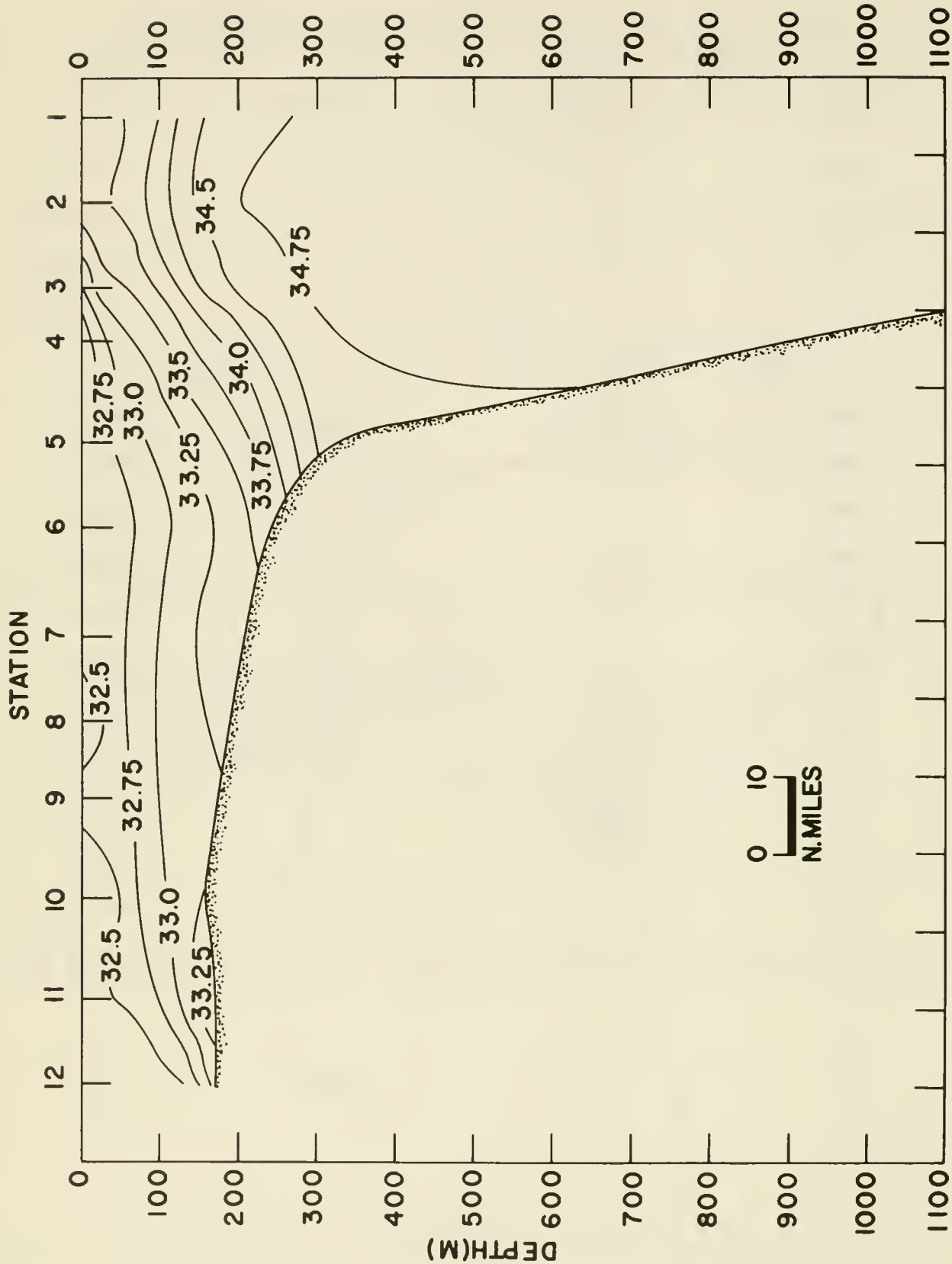


FIGURE 5. Vertical salinity ($^{\circ}/_{\infty}$) profile for section A1 occupied by CGC SHERMAN, 20-22 November 1972.

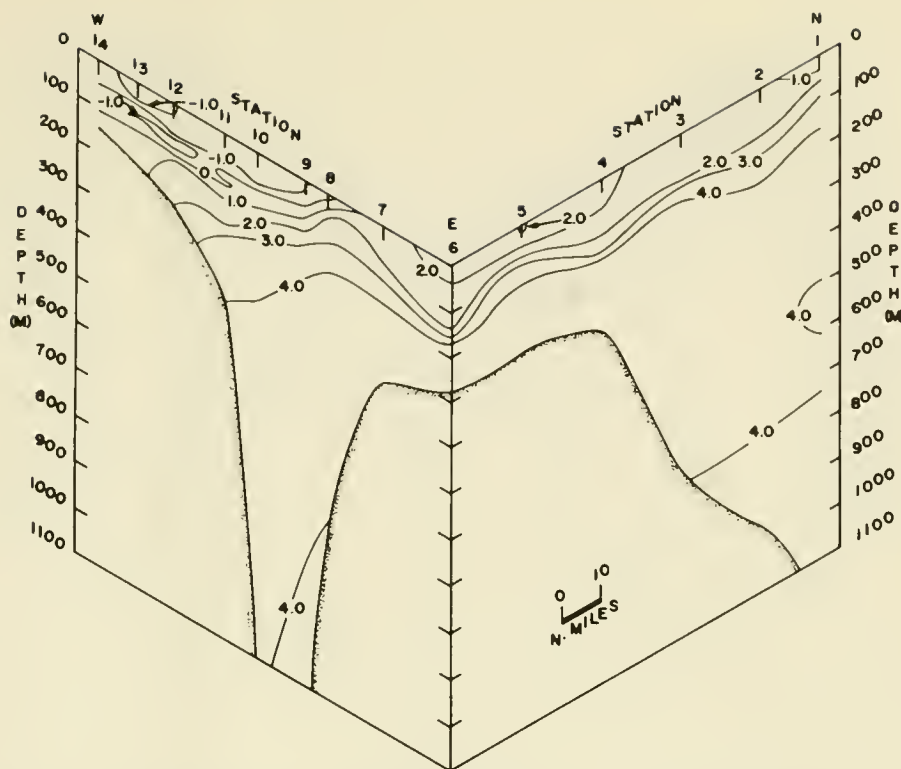


FIGURE 6. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 occupied by CGC GALLATIN, 18-19 March 1971.

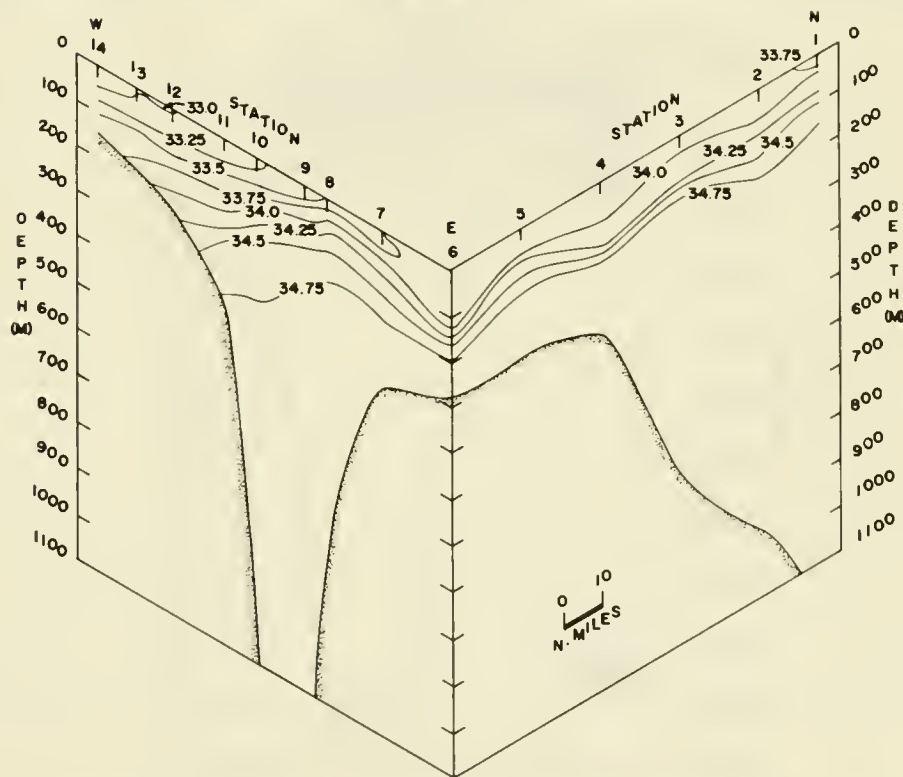


FIGURE 7. Vertical salinity (‰) profile for section A2 occupied by CGC GALLATIN, 18-19 March 1971.

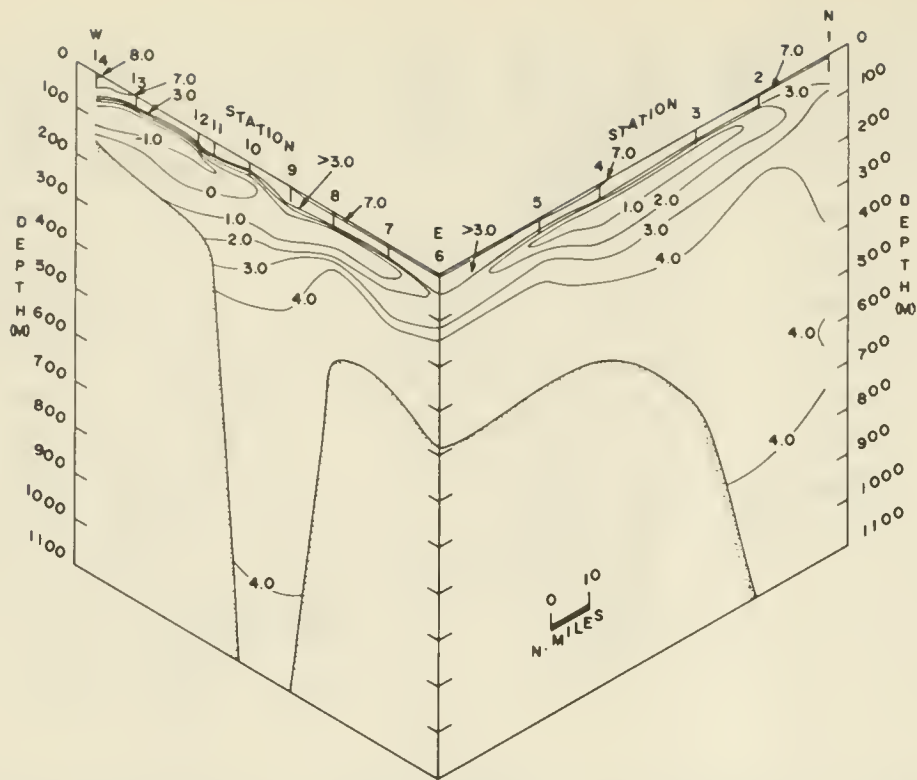


FIGURE 8. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 occupied by CGC CAMPBELL, 14–16 July 1971.

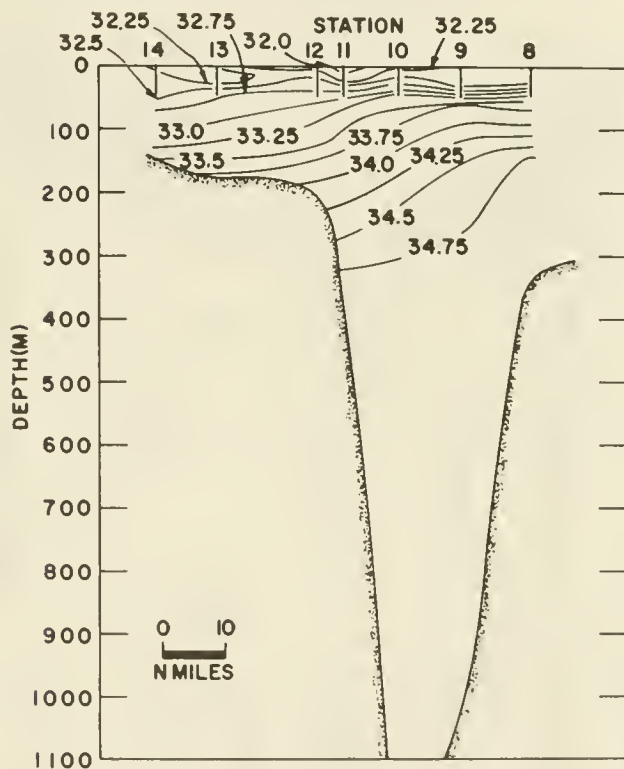


FIGURE 9. Vertical salinity (‰) profile for section A2 occupied by CGC CAMPBELL, 14–16 July 1971.

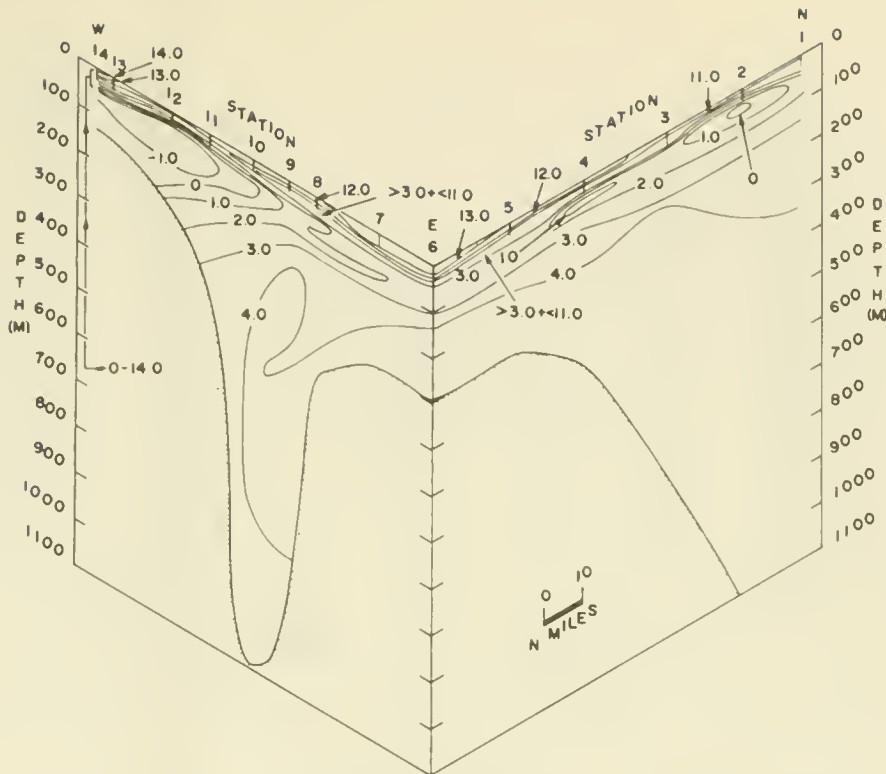


FIGURE 10. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 occupied by CGC CHASE, 27-29 August 1971.

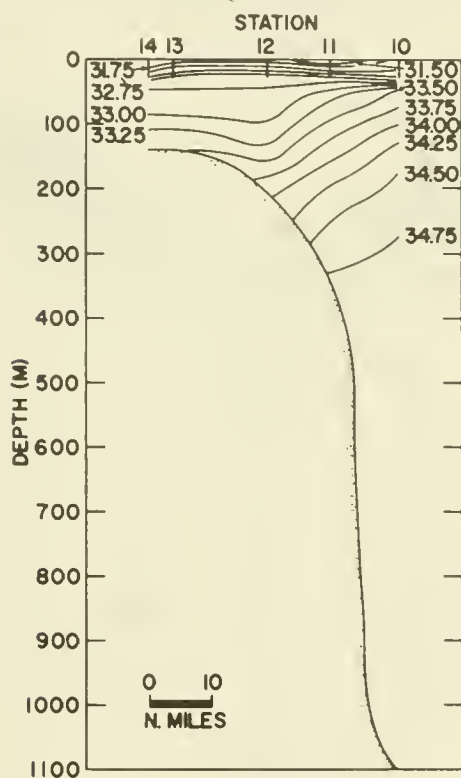


FIGURE 11. Vertical salinity (‰) profile for section A2 occupied by CGC CHASE, 27-29 August 1971.

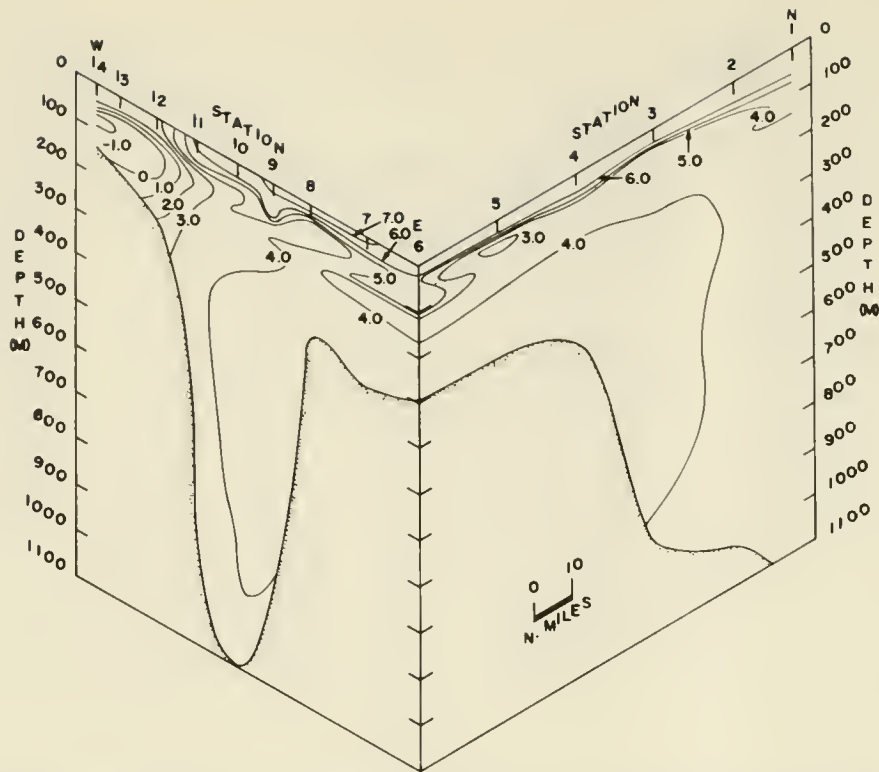


FIGURE 12. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 occupied by CGC DALLAS, 9-10 November 1971.

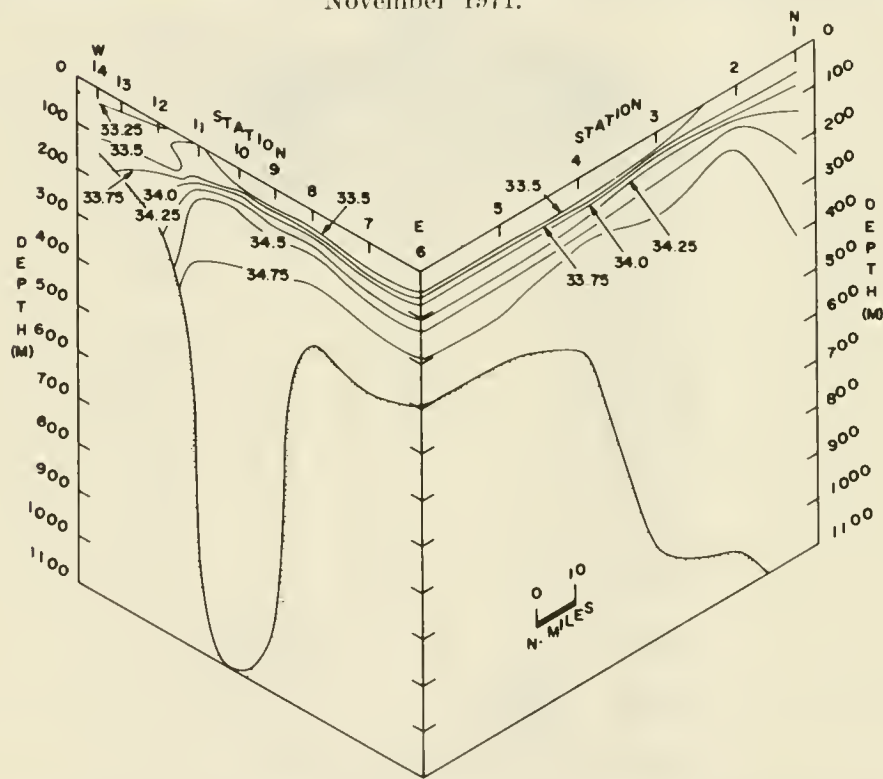


FIGURE 13. Vertical salinity (‰) profile for section A2 occupied by CGC DALLAS, 9-10 November 1971.

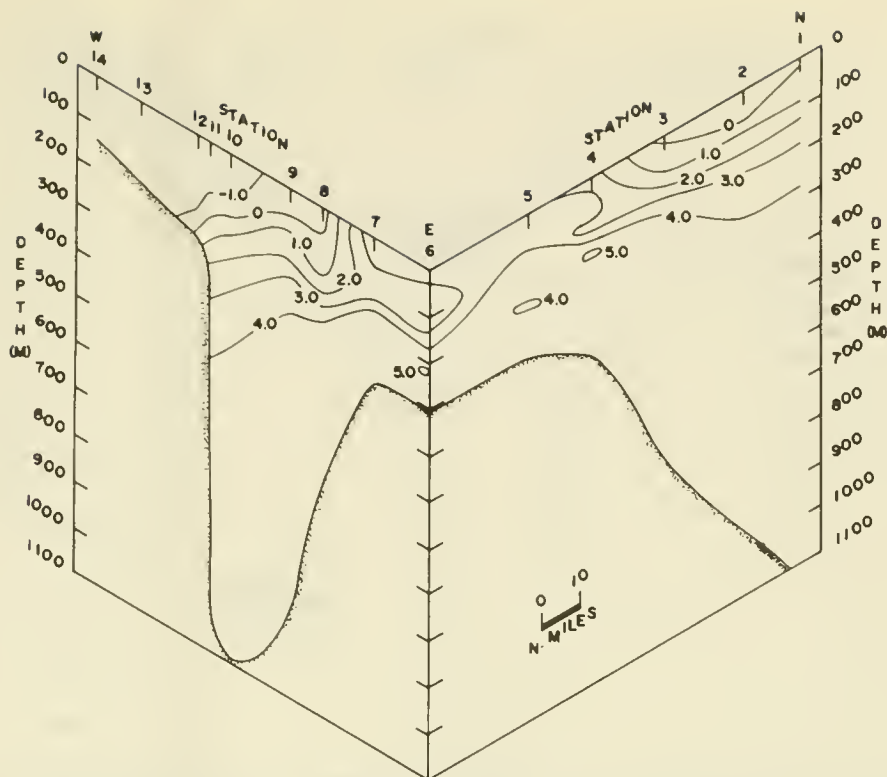


FIGURE 14. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 occupied by CGC SHERMAN, 20–22 March 1972.

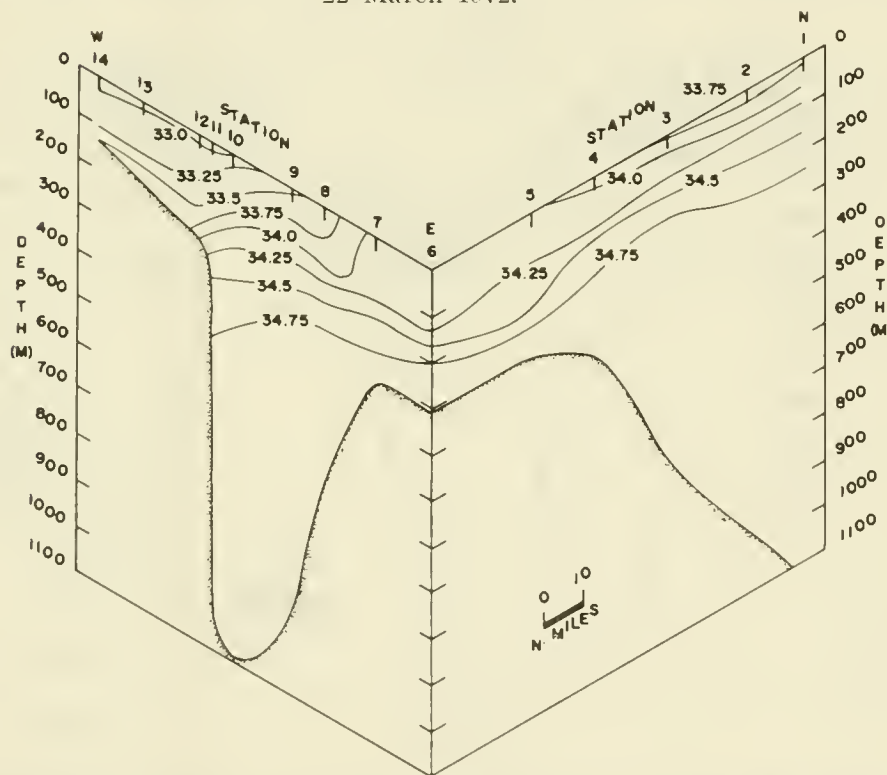


FIGURE 15. Vertical salinity (‰) profile for section A2 occupied by CGC SHERMAN, 20–22 March 1972.

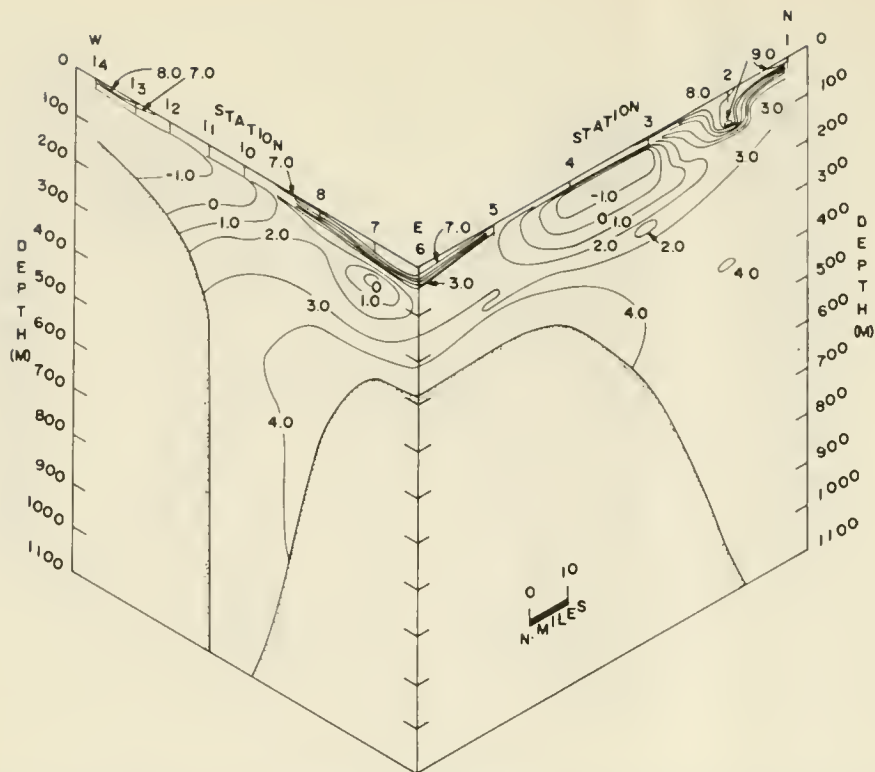


FIGURE 16. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 occupied by CGC SHERMAN, 5-7 August 1972.

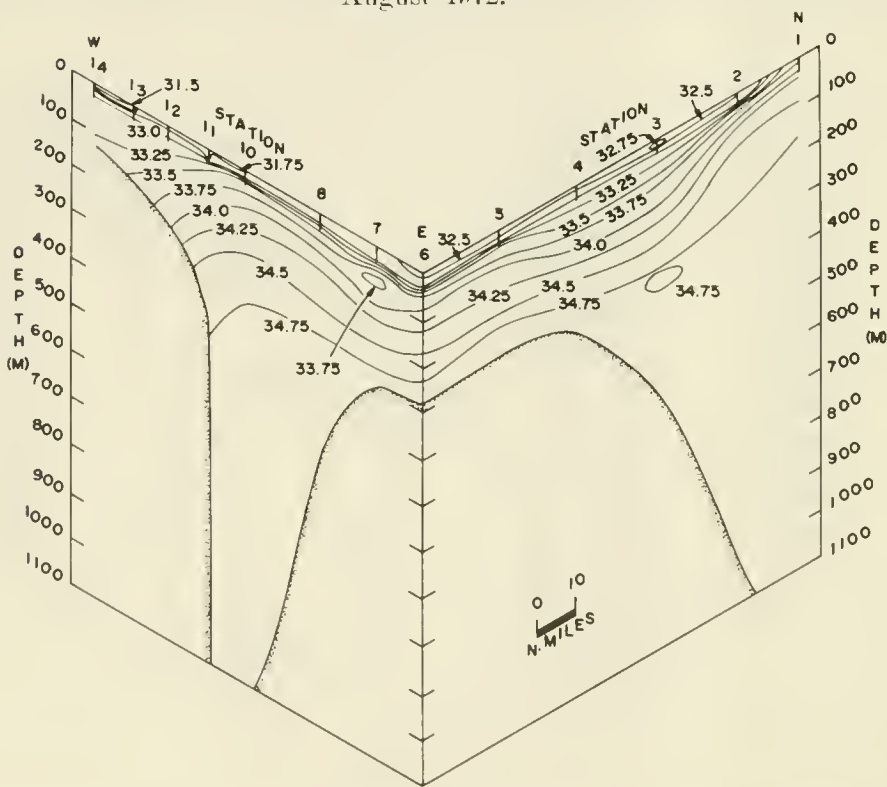


FIGURE 17. Vertical salinity (‰) profile for section A2 occupied by CGC SHERMAN, 5-7 August 1972.

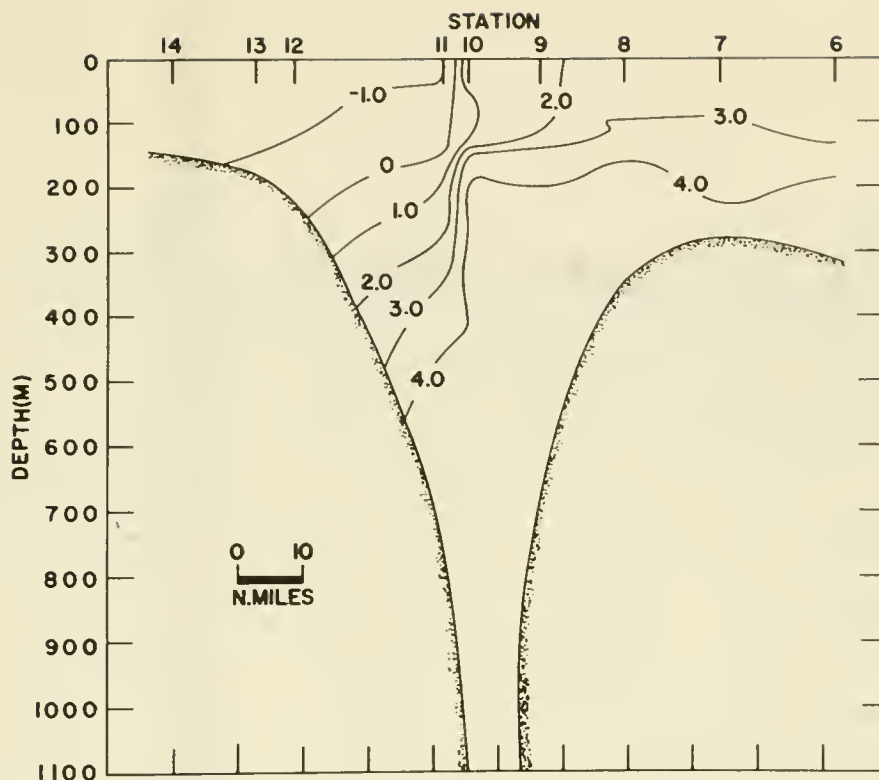


FIGURE 18. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 occupied by CGC GALLATIN, 31 December 1972-1 January 1973.

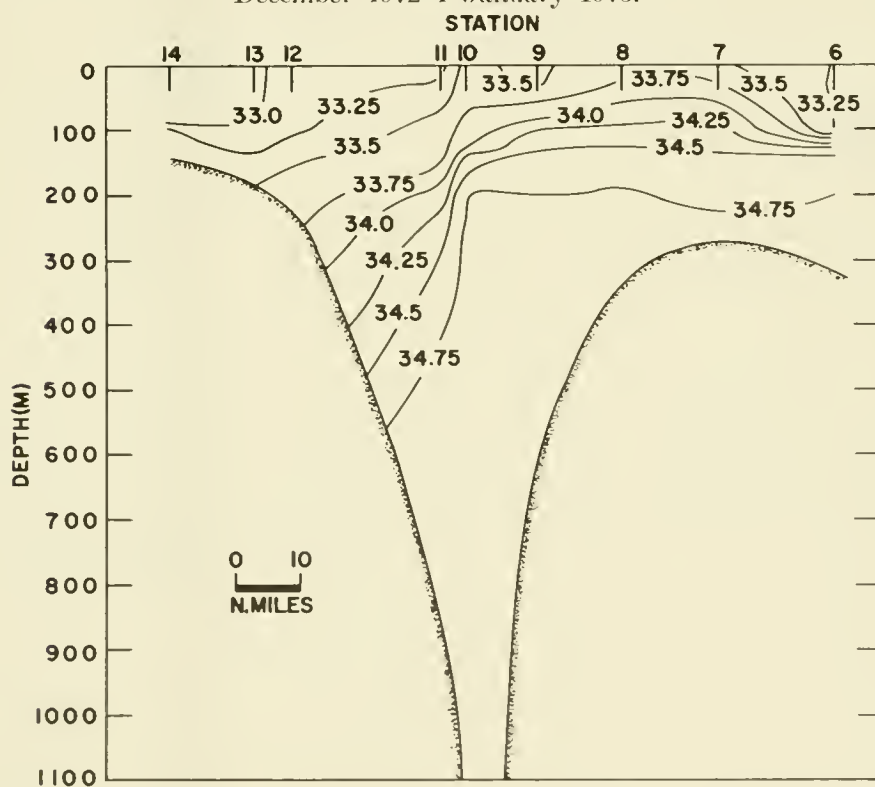


FIGURE 19. Vertical salinity (‰) profile for section A2 occupied by CGC GALLATIN, 31 December 1972-1 January 1973.

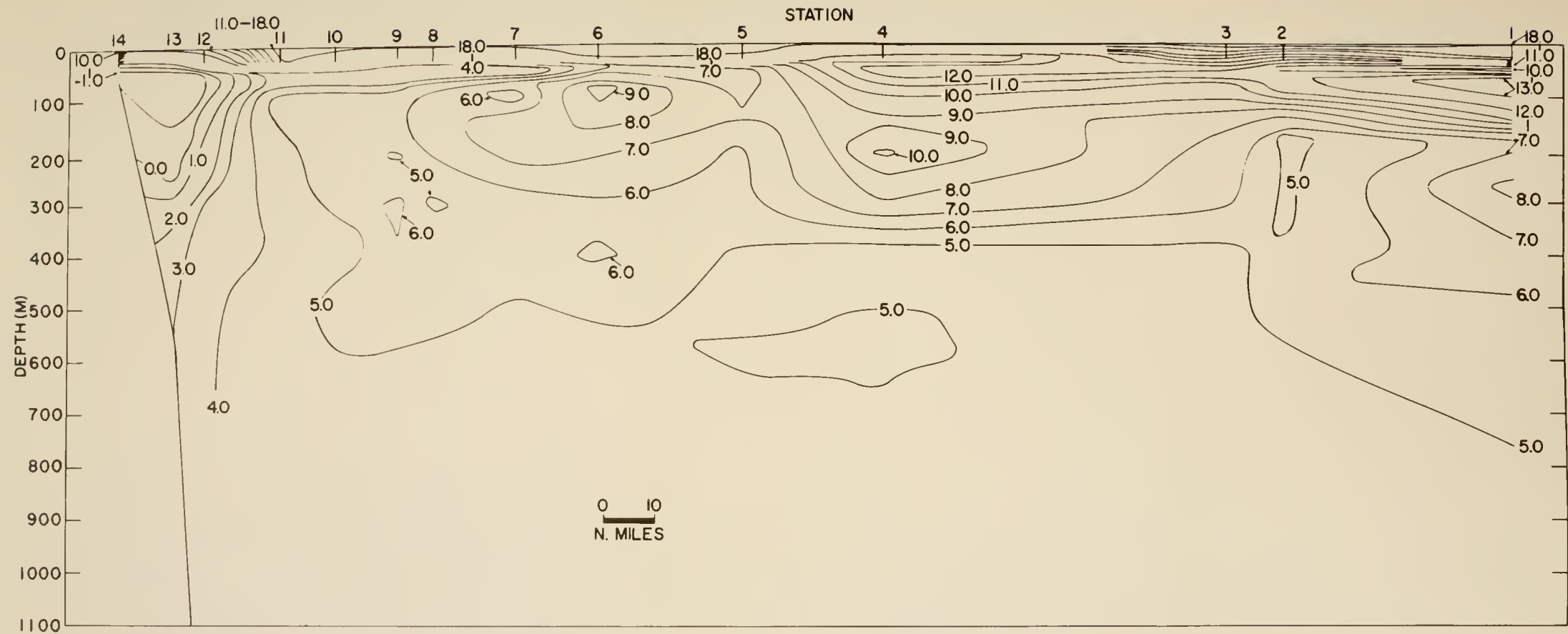


FIGURE 20. Vertical temperature ($^{\circ}\text{C}$) profile for section A3 occupied by CGC HAMILTON, 8-10 September 1972.

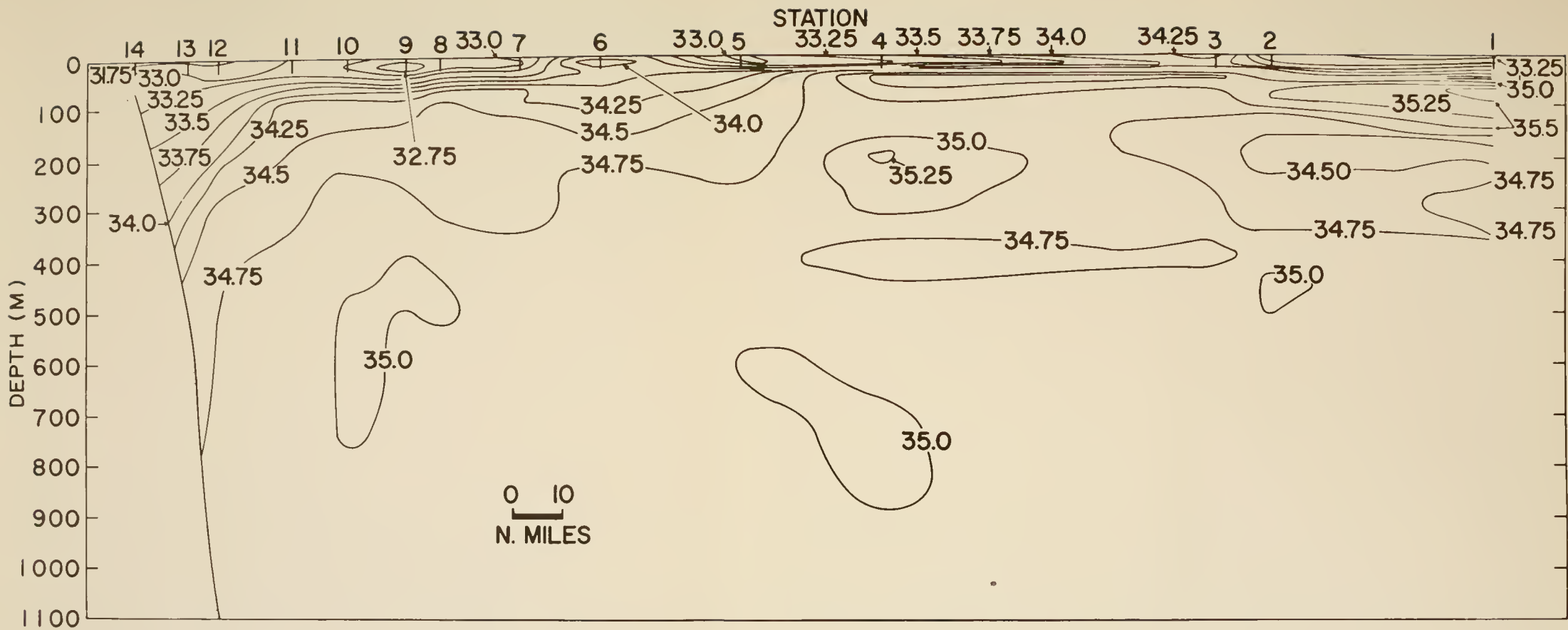


FIGURE 21. Vertical salinity (‰) profile for section A3 occupied by CGC HAMILTON, 8-10 September 1972.

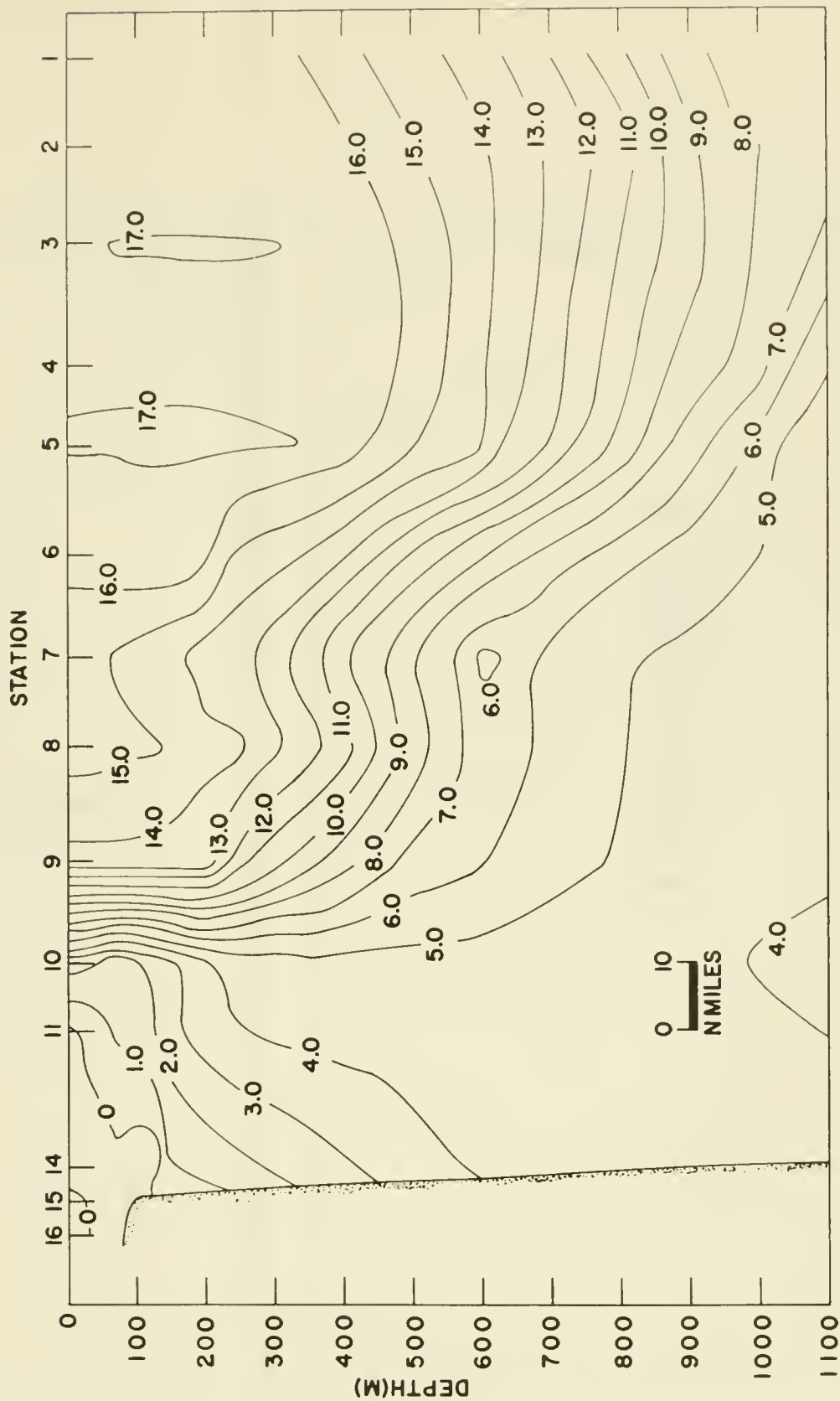


FIGURE 22. Vertical temperature ($^{\circ}\text{C}$) profile for section A4 occupied by CGC DALLAS, 7-9 March 1971.

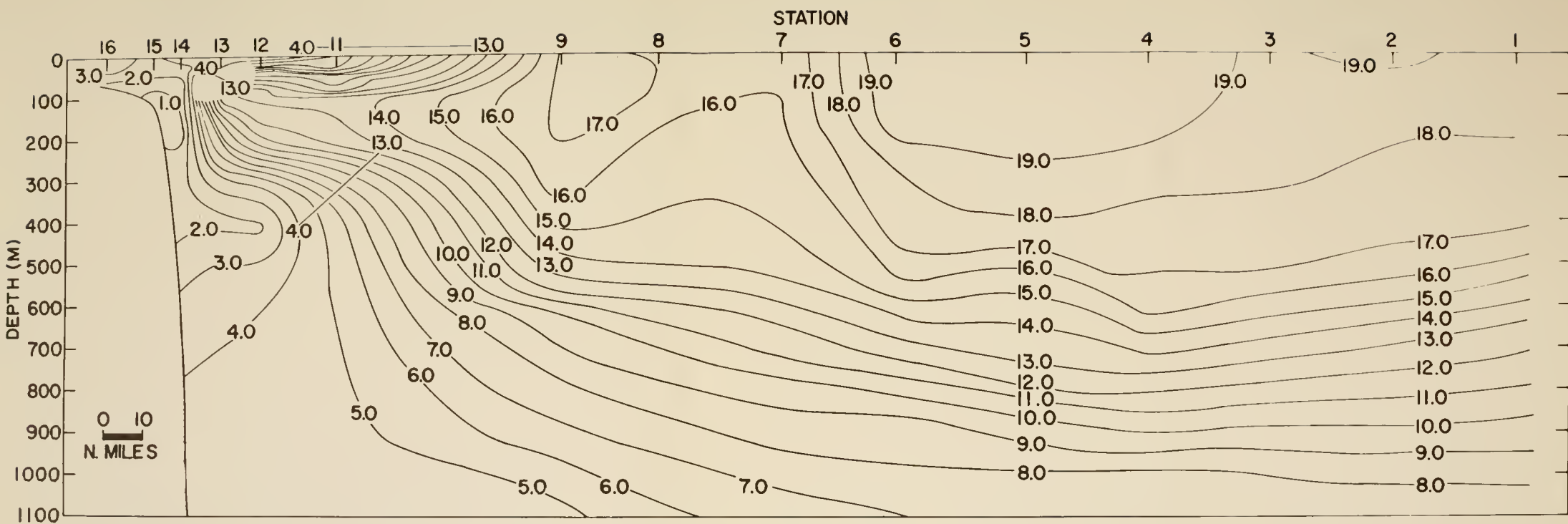


FIGURE 23. Vertical temperature ($^{\circ}\text{C}$) profile for section A4 occupied by CGC GALLATIN, 5-8 January 1972.

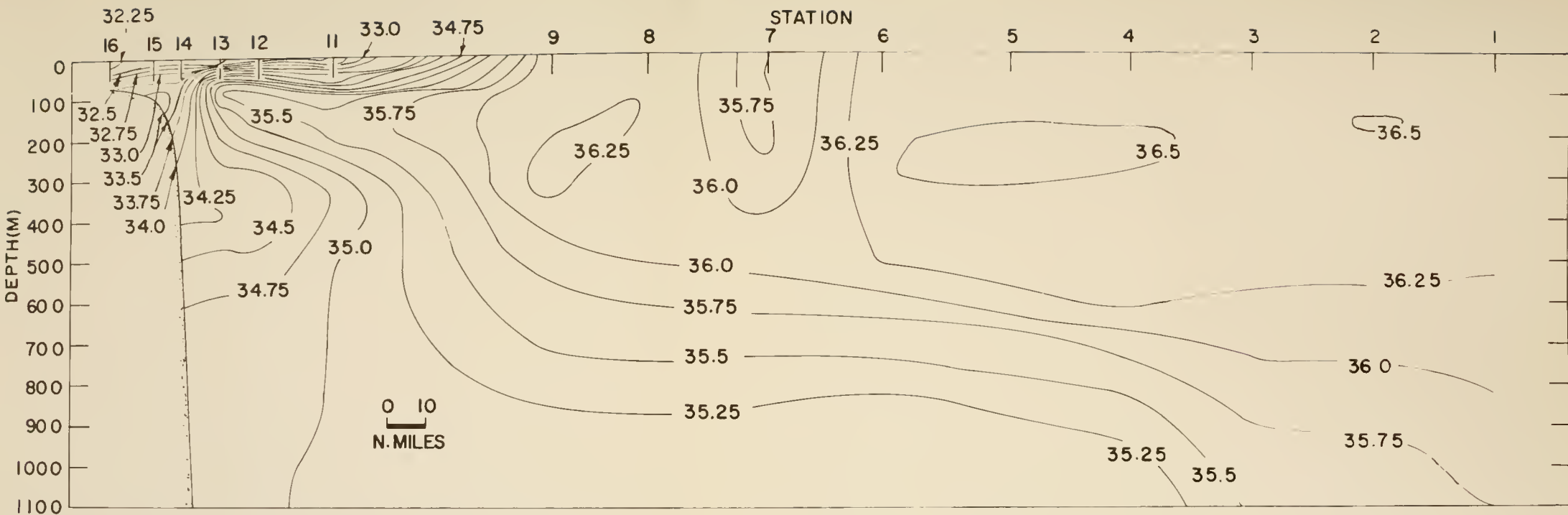


FIGURE 24. Vertical salinity (‰) profile for section A4 occupied by CGC GALLATIN, 5-8 January 1972.



FIGURE 25. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 occupied by CGC EVERGREEN, 7-9 April 1972.

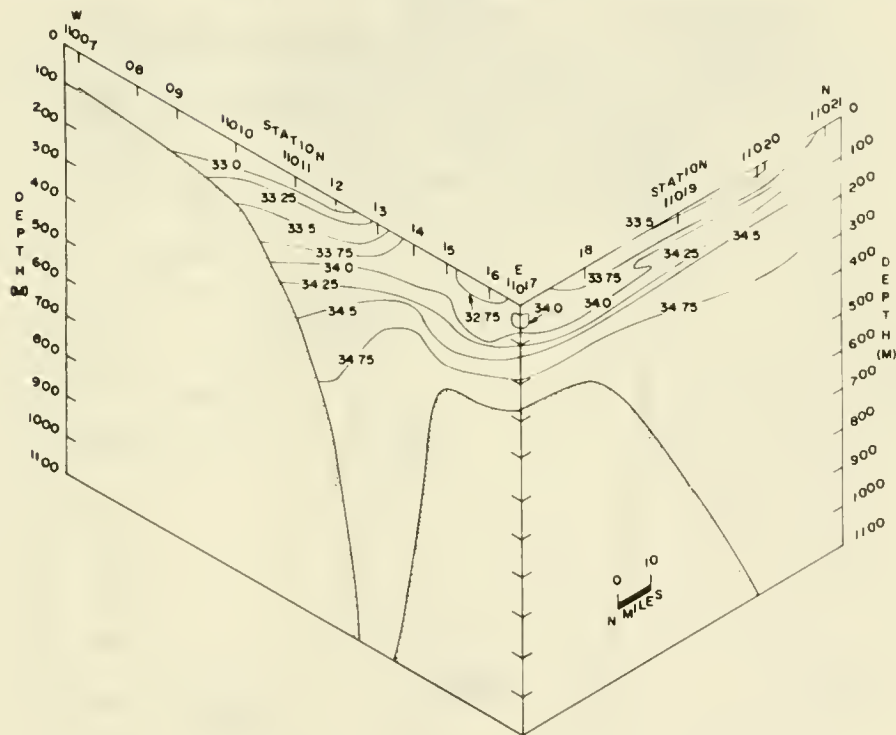


FIGURE 26. Vertical salinity (‰) profile for section A2 occupied by CGC EVERGREEN, 7-9 April 1972.

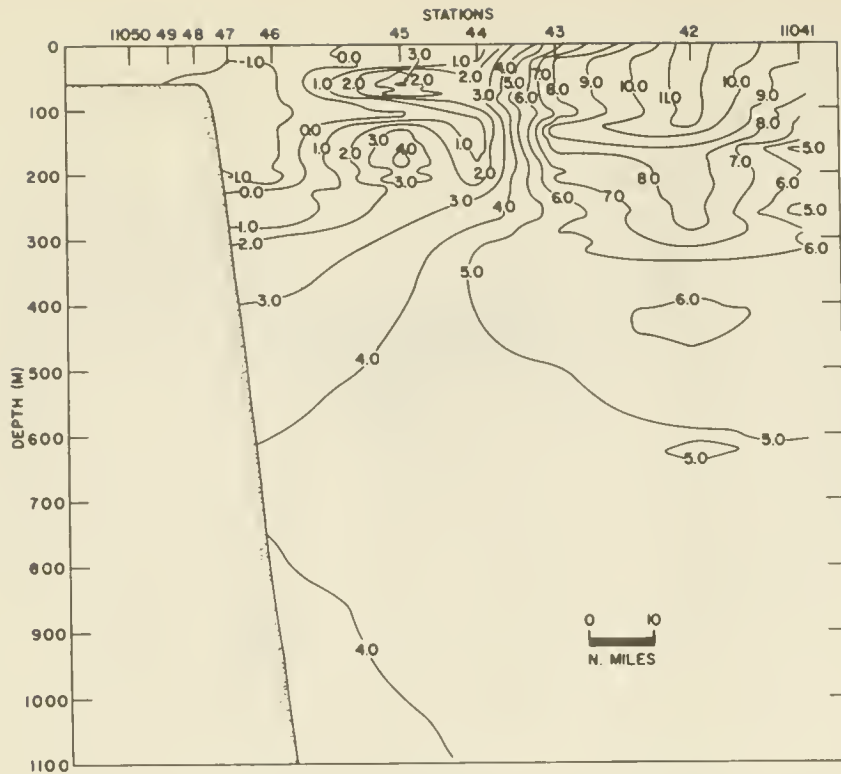


FIGURE 27. Vertical temperature ($^{\circ}\text{C}$) profile for section A3 occupied by CGC EVERGREEN, 12 April 1972.

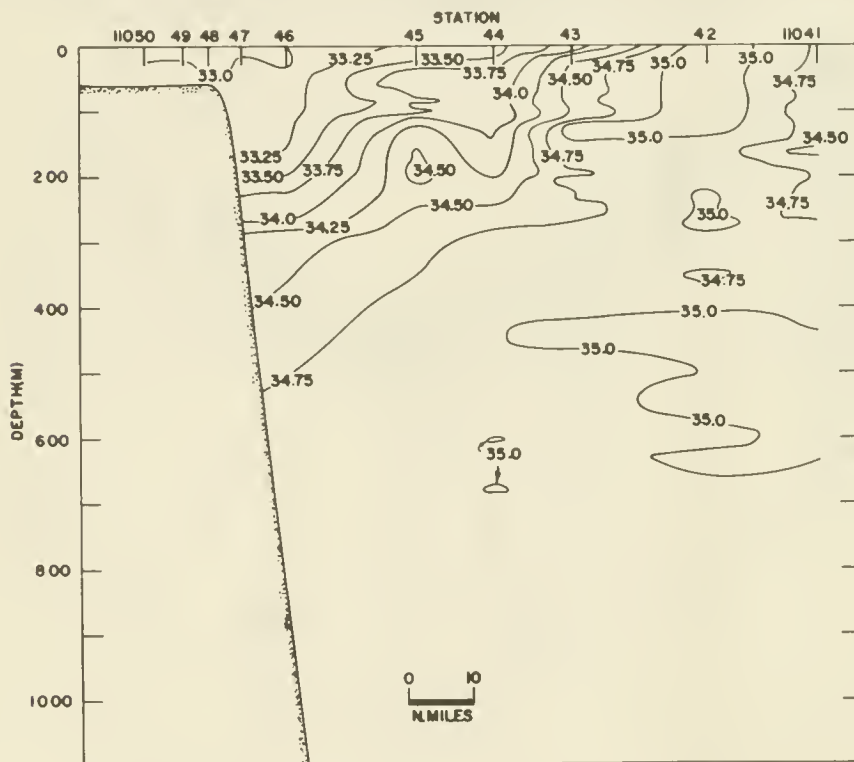


FIGURE 28. Vertical salinity (‰) profile for section A3 occupied by CGC EVERGREEN, 12 April 1972.

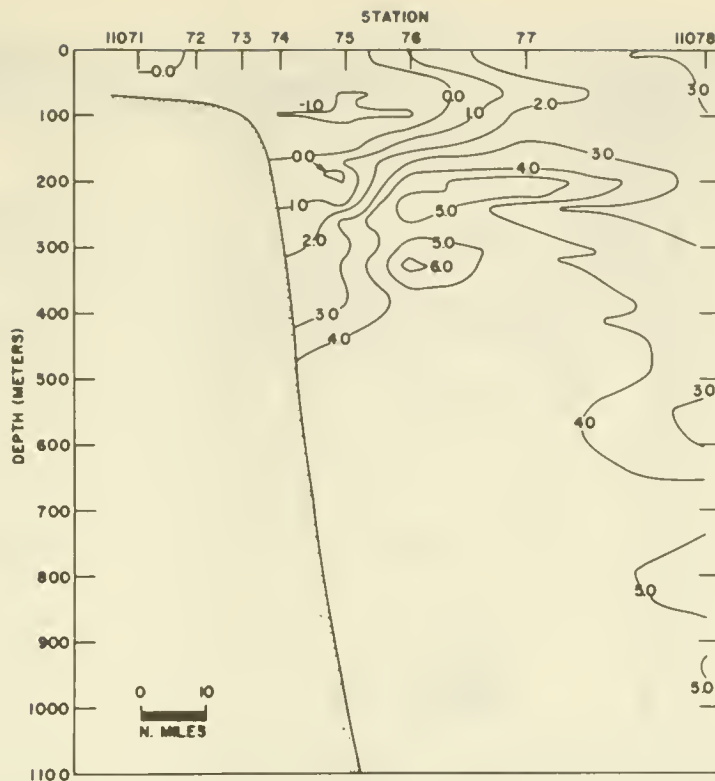


FIGURE 29. Vertical temperature ($^{\circ}\text{C}$) profile for section A4 occupied by CGC EVERGREEN, 18 April 1972.

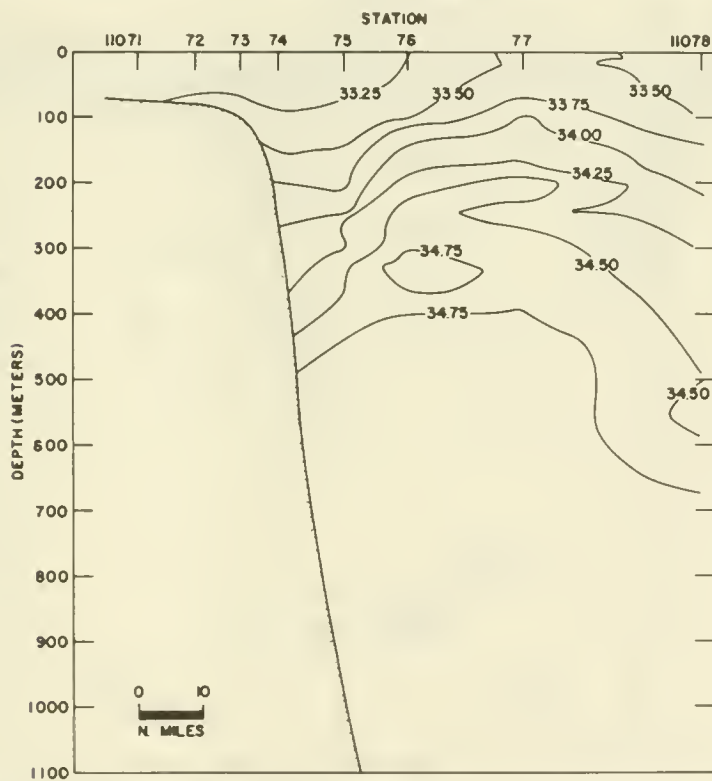


FIGURE 30. Vertical salinity (‰) profile for section A4 occupied by CGC EVERGREEN, 18 April 1972.

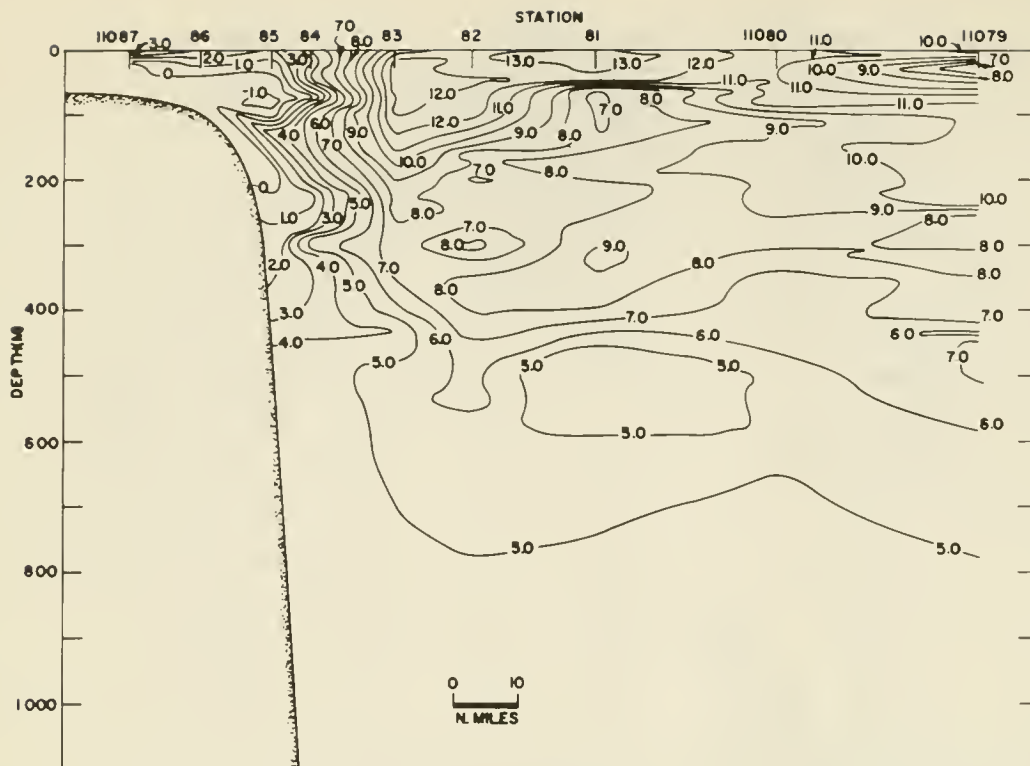


FIGURE 31. Vertical temperature ($^{\circ}\text{C}$) profile for section A4 occupied by CGC EVERGREEN, 9-10 May 1972.

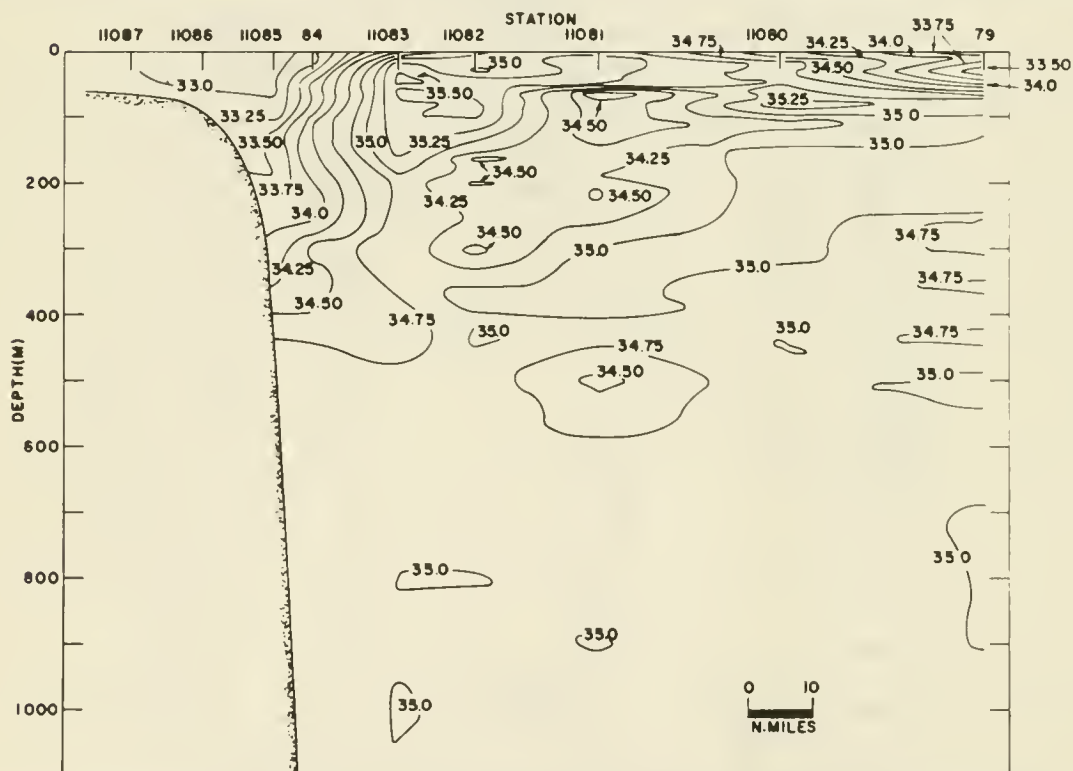


FIGURE 32. Vertical salinity (‰) profile for section A4 occupied by CGC EVERGREEN, 9-10 May 1972.

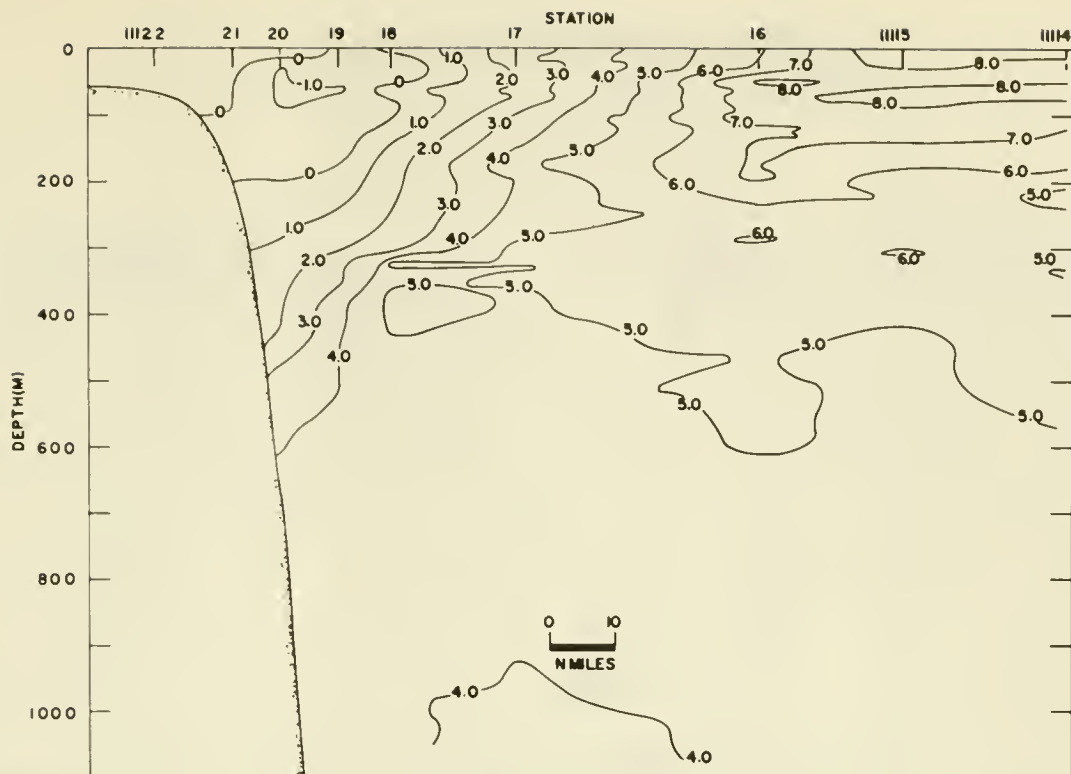


FIGURE 33. Vertical temperature ($^{\circ}\text{C}$) profile for section A3 occupied by CGC EVERGREEN, 13-14 May 1972.

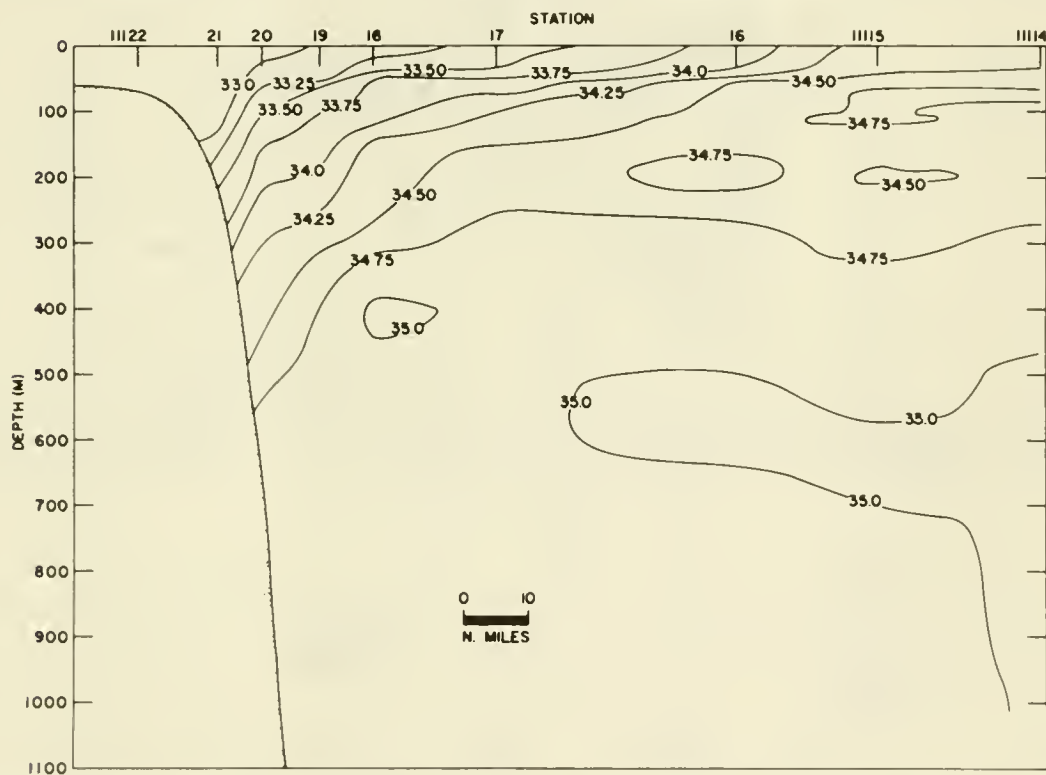


FIGURE 34. Vertical salinity (‰) profile for section A3 occupied by CGC EVERGREEN, 13-14 May 1972.

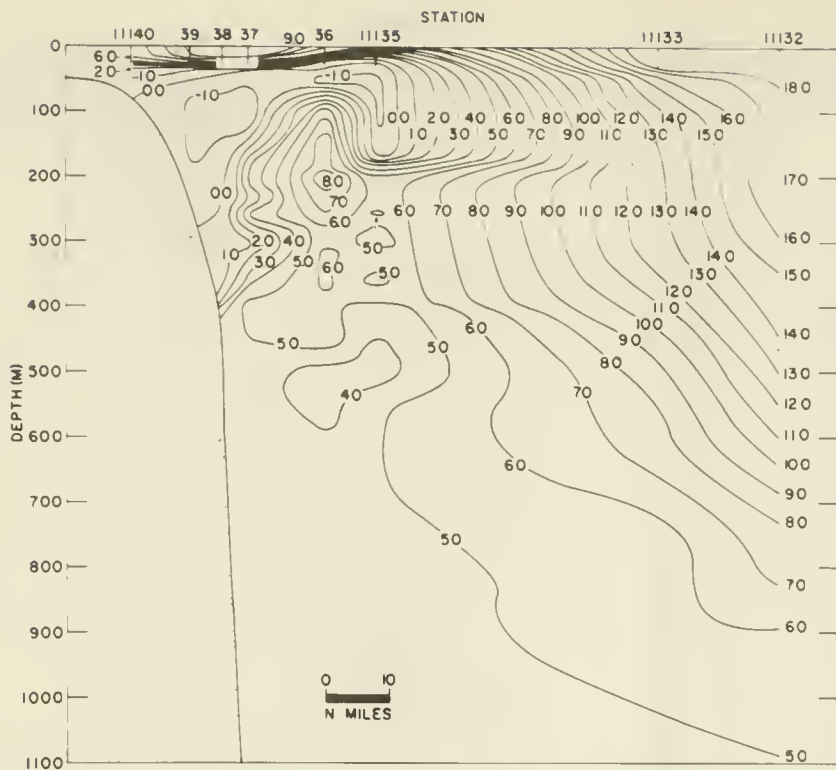


FIGURE 35. Vertical temperature ($^{\circ}\text{C}$) profile for section A4 occupied by CGC EVERGREEN, 7 June 1972.

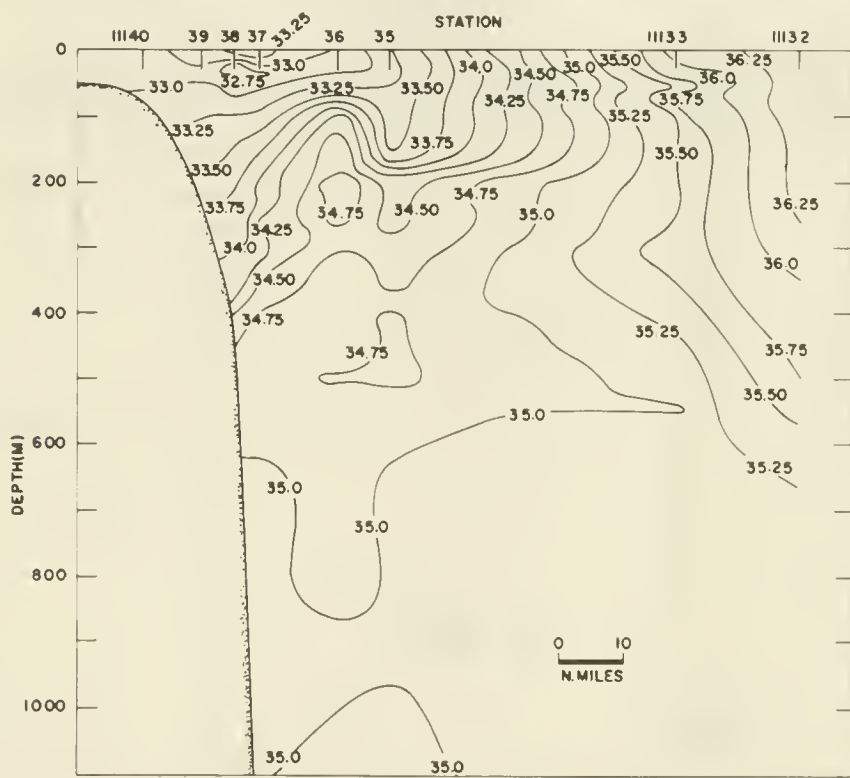


FIGURE 36. Vertical salinity ($^{\circ}/_{\infty}$) profile for section A4 occupied by CGC EVERGREEN, 7 June 1972.

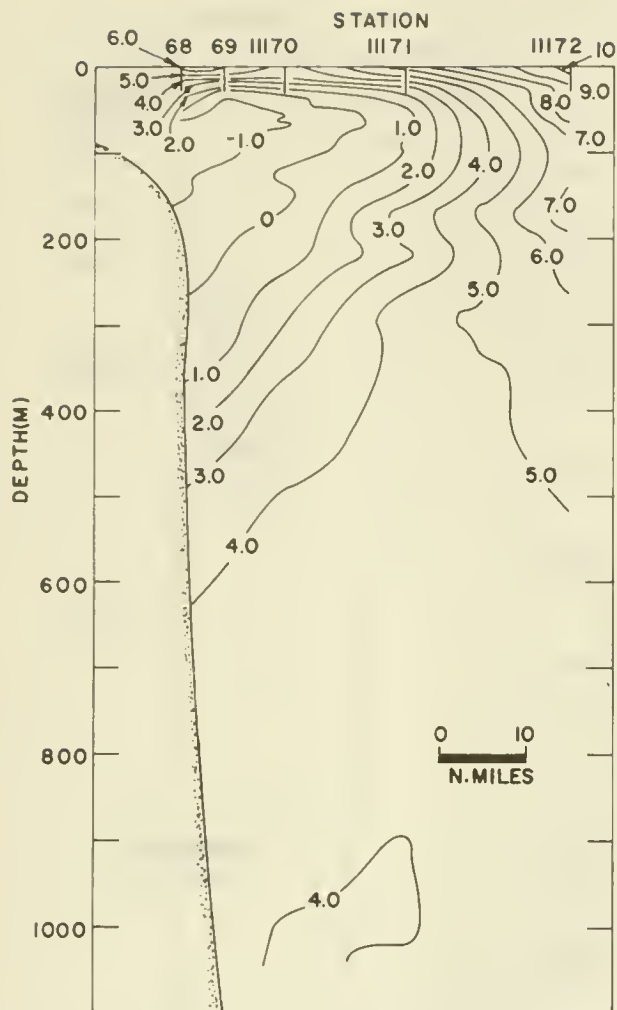


FIGURE 37. Vertical temperature ($^{\circ}\text{C}$) profile for section A3 occupied by CGC EVERGREEN, 16 June 1972.

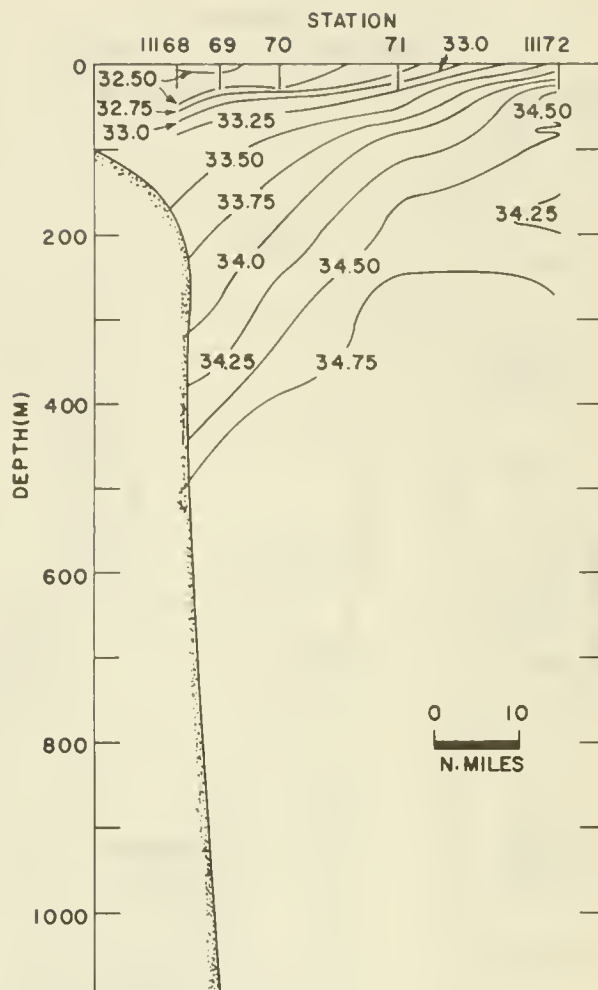


FIGURE 38. Vertical salinity (‰) profile for section A3 occupied by CGC EVERGREEN, 16 June 1972.

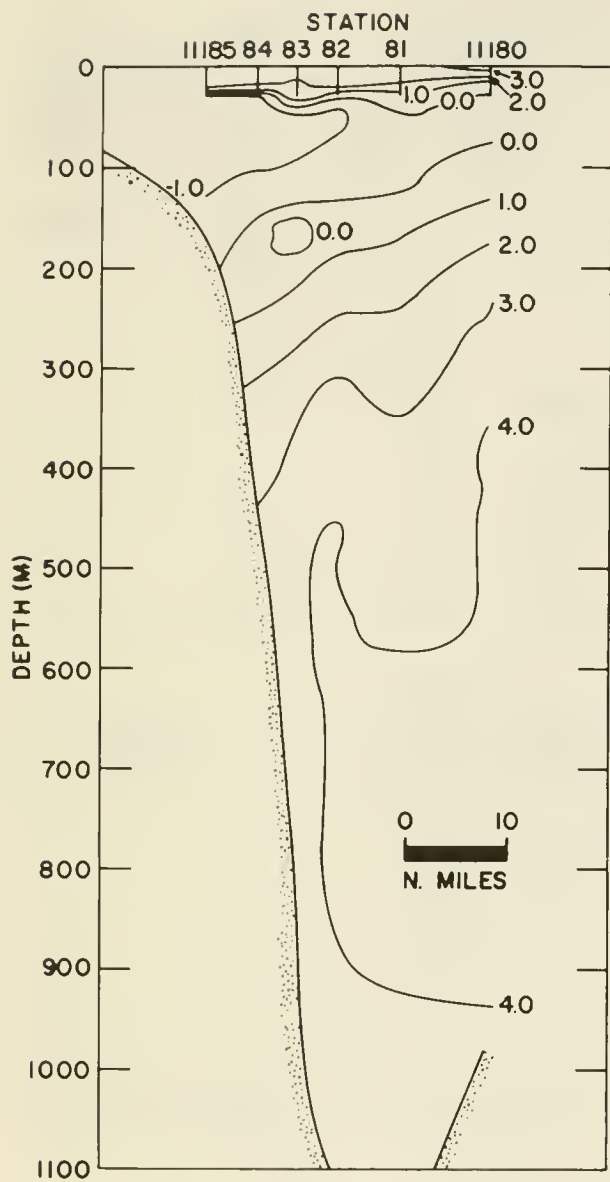


FIGURE 39. Vertical temperature ($^{\circ}\text{C}$) profile for section A2 occupied by CGC EVERGREEN, 18 June 1972.

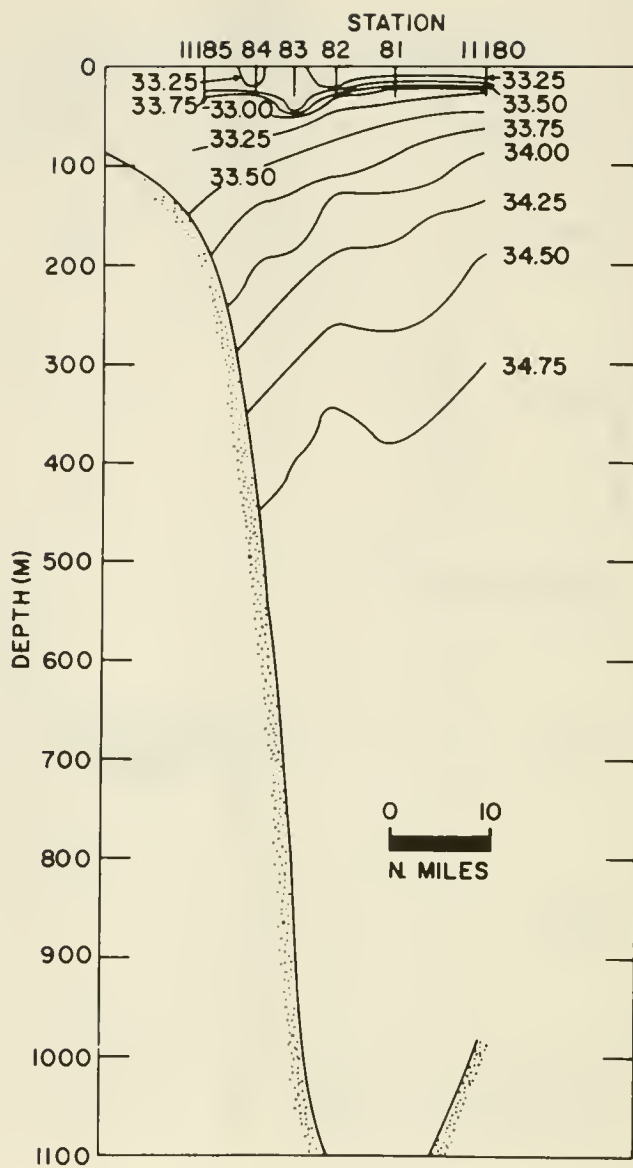


FIGURE 40. Vertical salinity ($^{\circ}/_{\infty}$) profile for section A2 occupied by CGC EVERGREEN, 18 June 1972.

MONTHLY NORMAL DYNAMIC TOPOGRAPHY FOR APRIL

53°W 51° 49° 47° 45°W

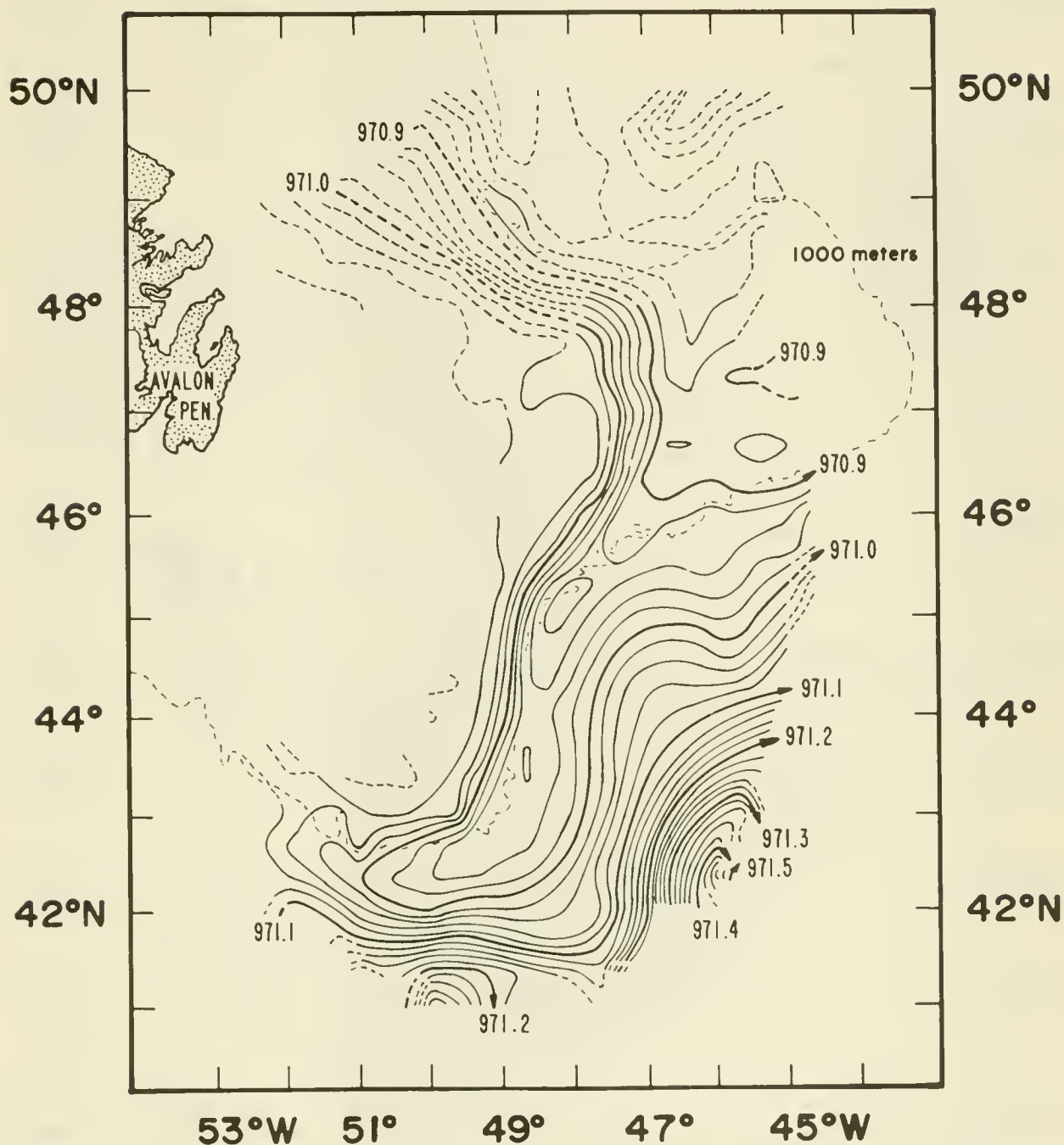


FIGURE 41. April monthly normal dynamic topography (dynamic meters) of the sea surface relative to the 1,000 decibar surface. Contour interval is 2 dynamic centimeters.

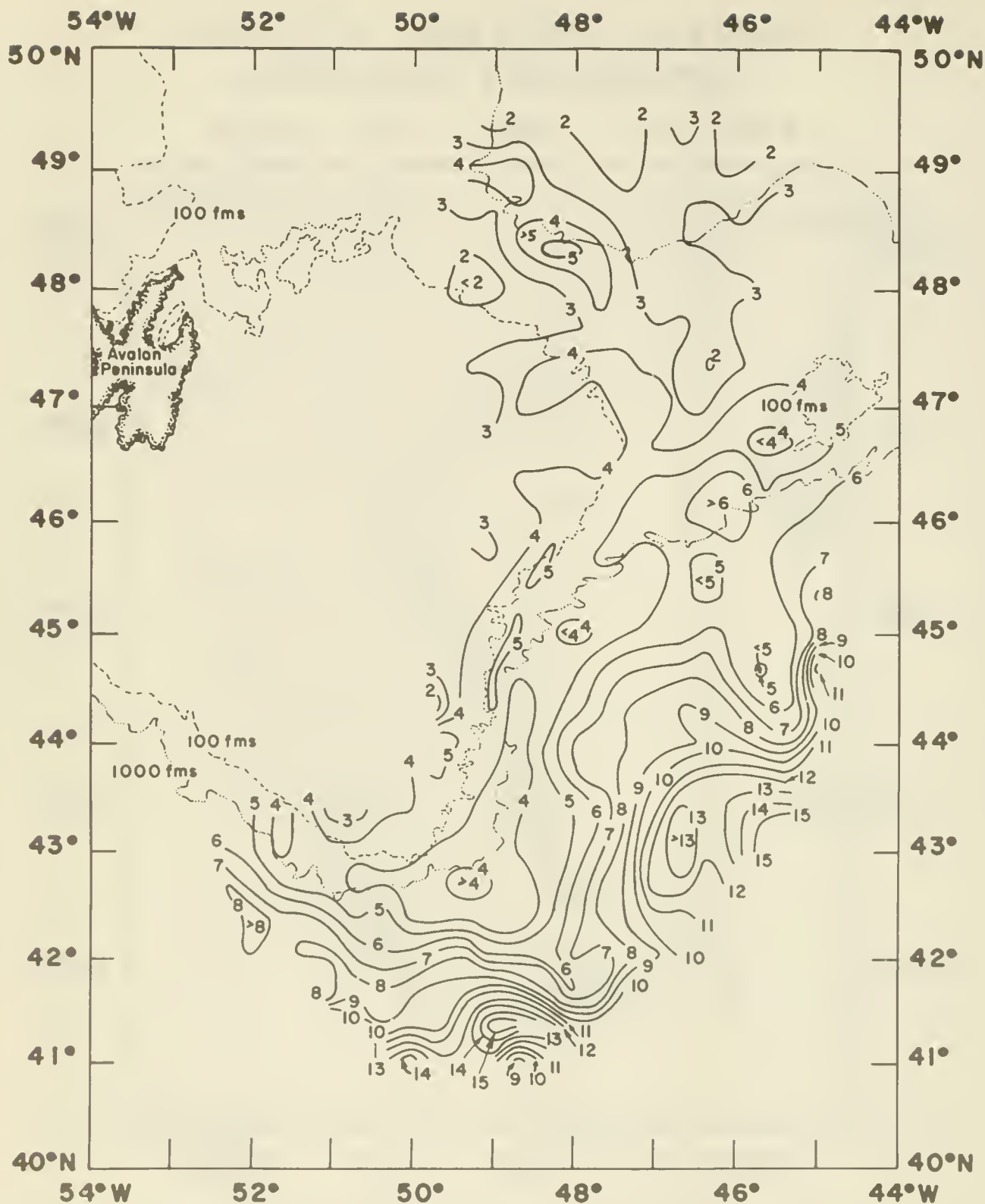


FIGURE 42. Field of standard deviation of dynamic height of the individual surveys from the April normal. Contour level is 1 dynamic centimeter.

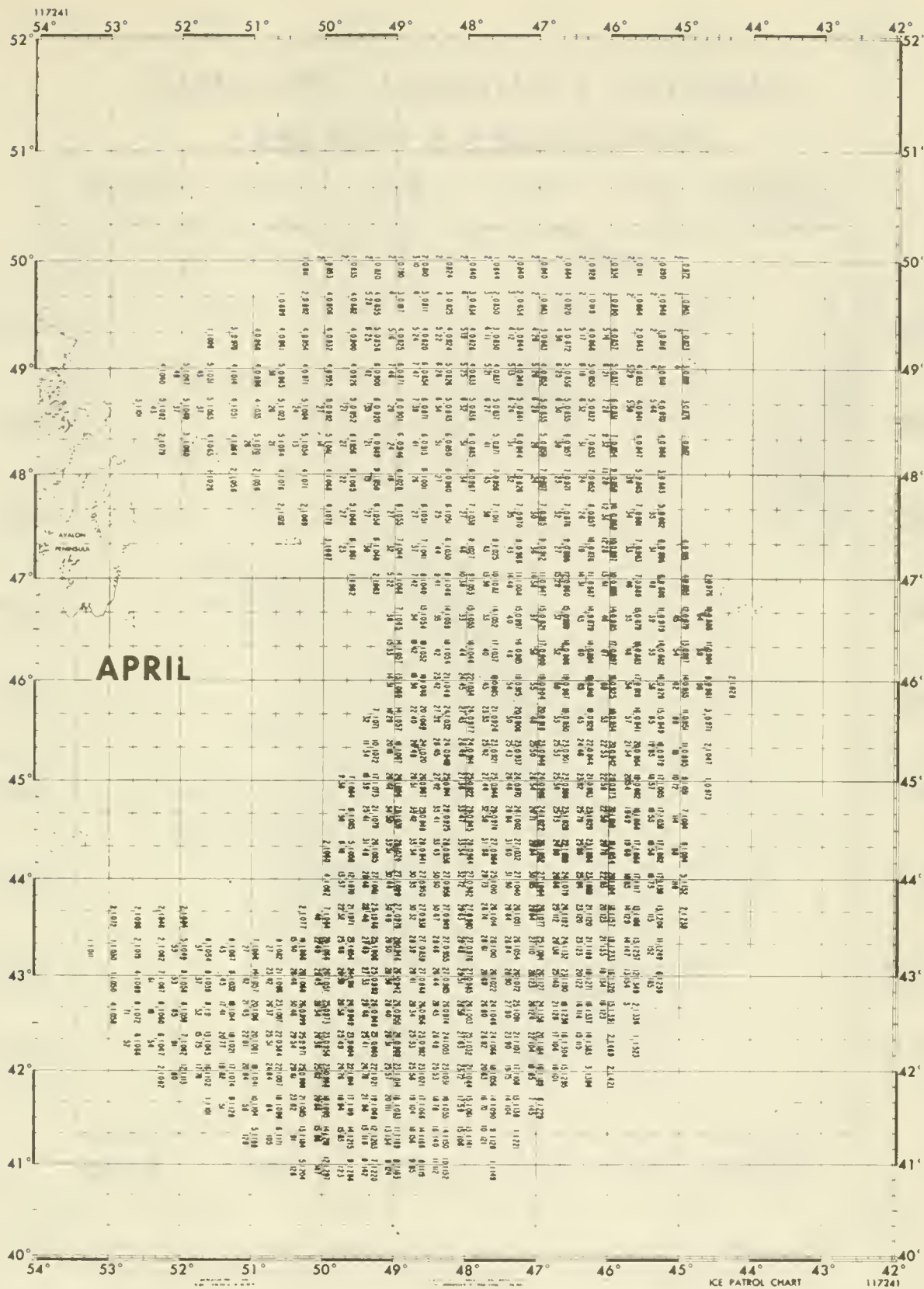


FIGURE 13. Numerical digest of data pertinent to the April normal dynamic topography.

MONTHLY NORMAL DYNAMIC TOPOGRAPHY FOR MAY

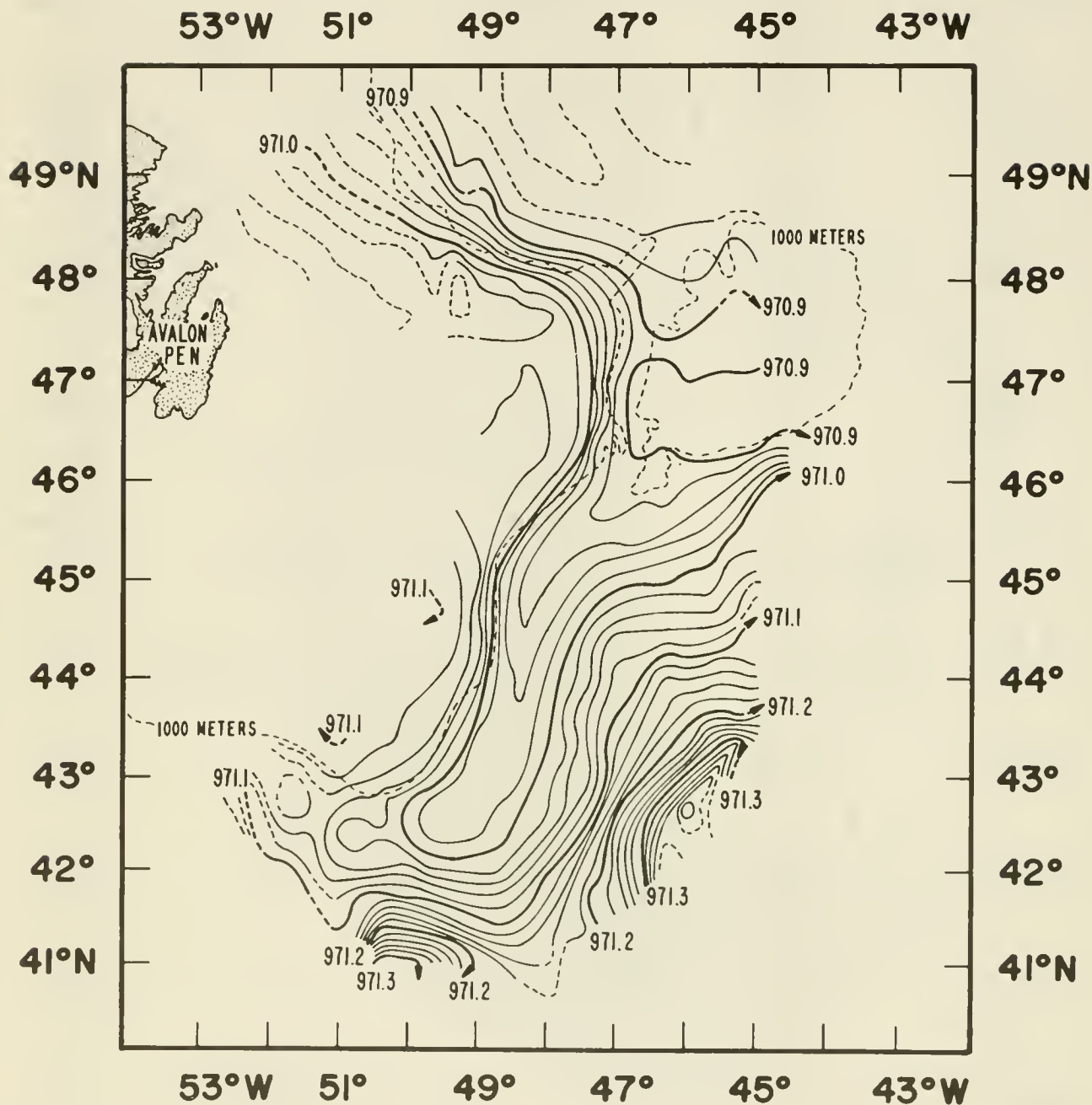


FIGURE 44. May monthly normal dynamic topography (dynamic meters of the sea surface relative to the 1,000 decibar surface. Contour interval is 2 dynamic centimeters.

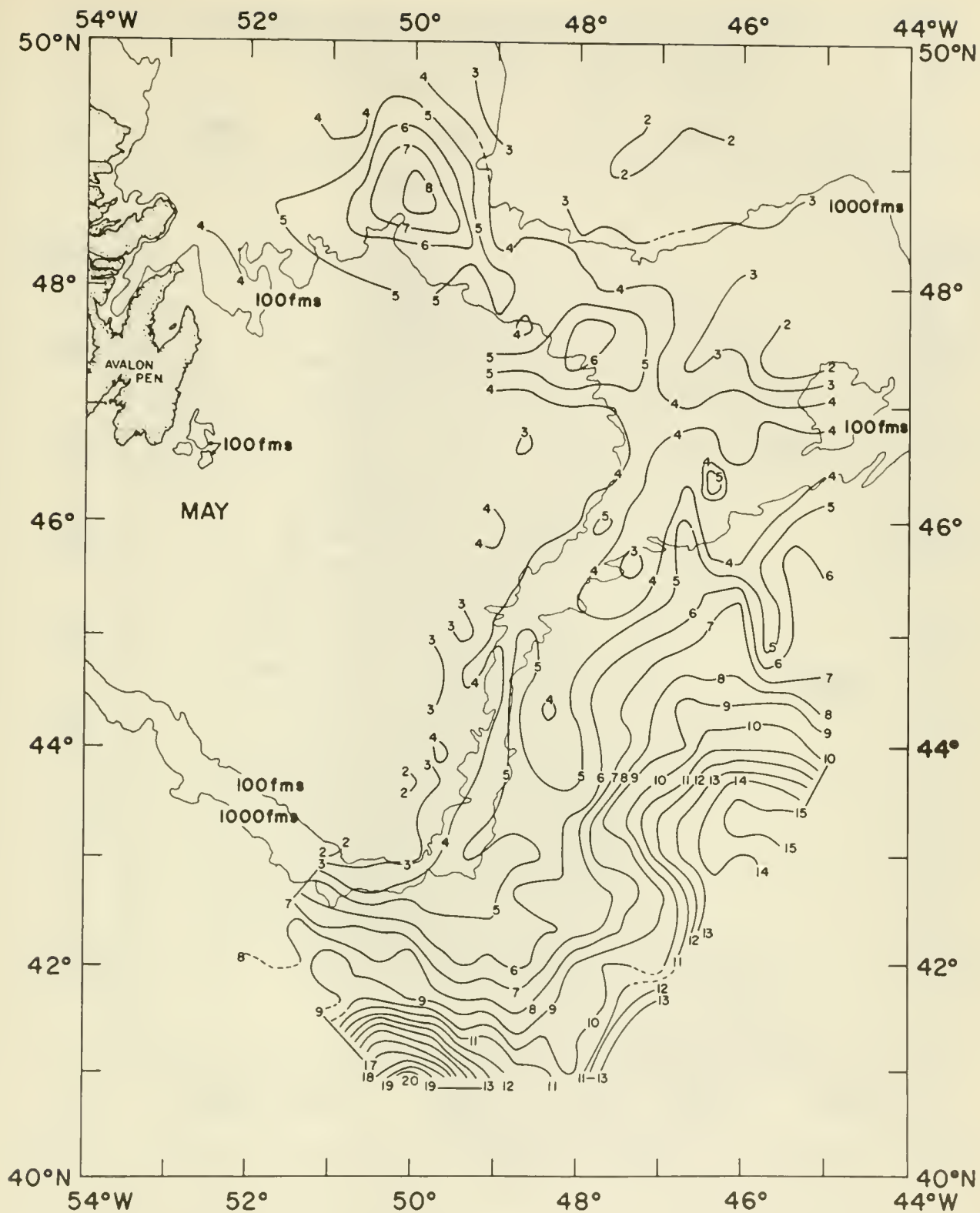


FIGURE 45. Field of standard deviation of dynamic height of the individual surveys from the May normal. Contour level is 1 dynamic centimeter.

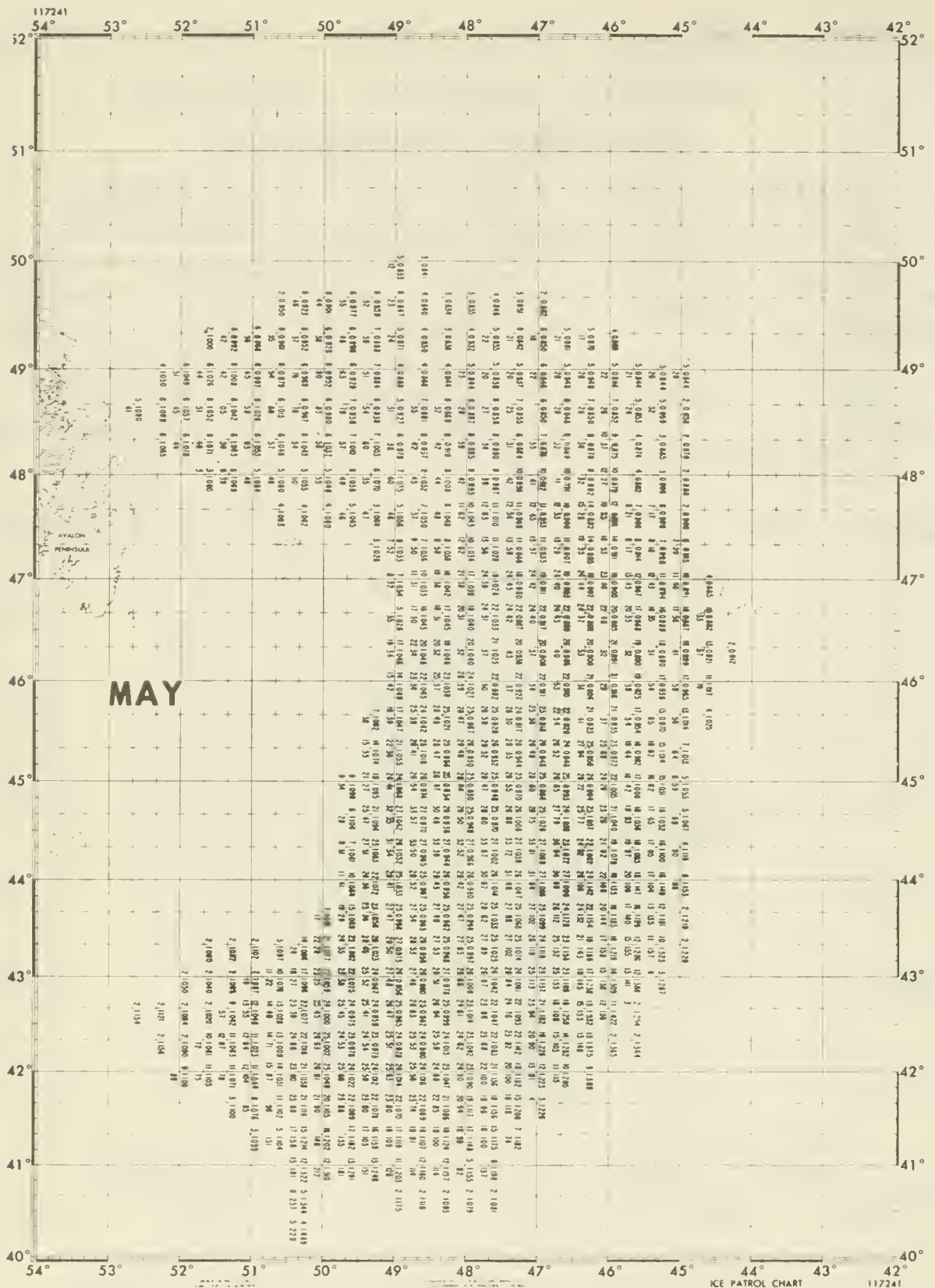


FIGURE 46. Numerical digest of data pertinent to the May normal dynamic topography.

MONTHLY NORMAL DYNAMIC TOPOGRAPHY FOR JUNE

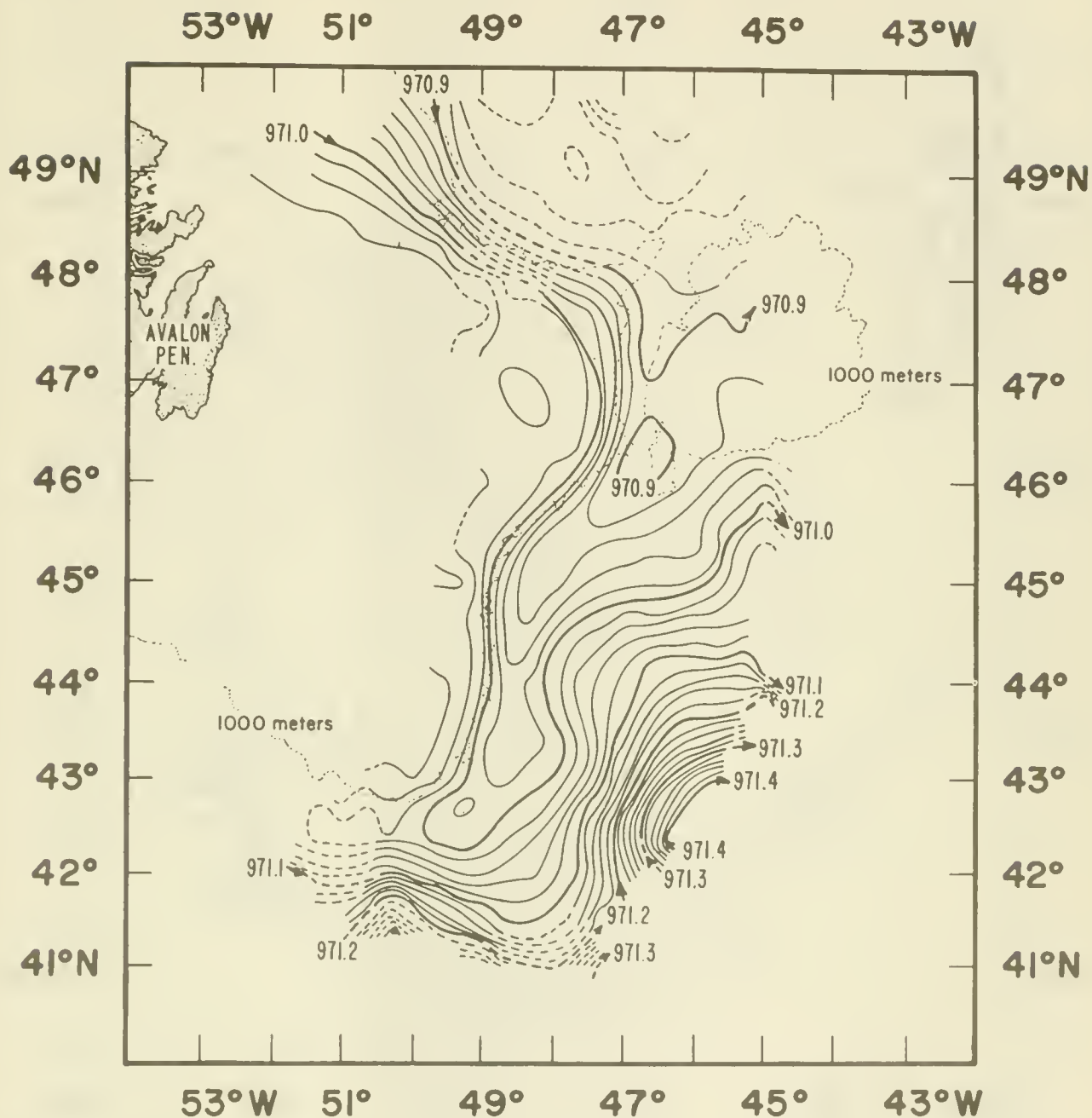


FIGURE 17. June monthly normal dynamic topography (dynamic meters) of the sea surface relative to the 1,000 decibar surface. Contour interval is 2 dynamic centimeters.

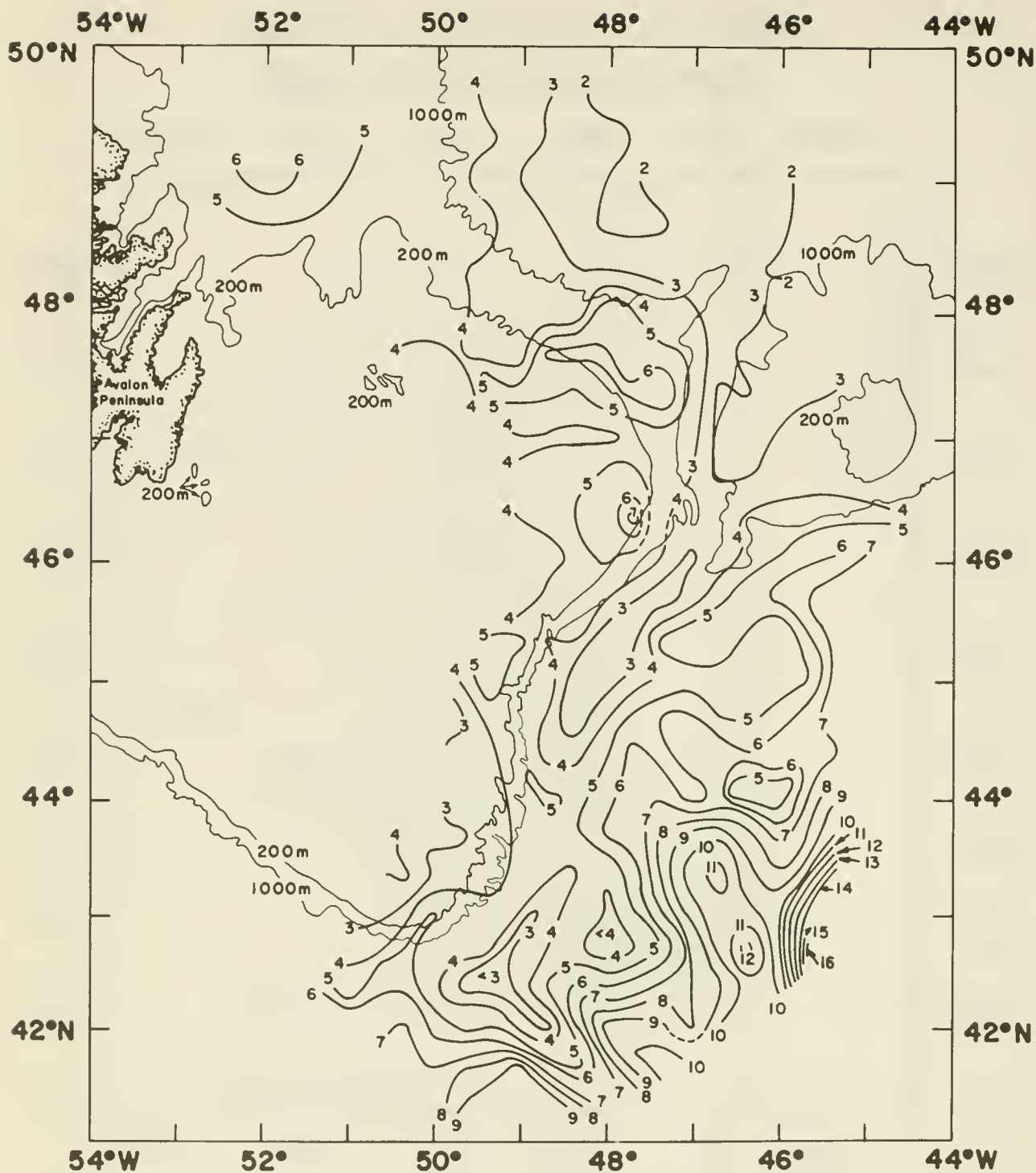


FIGURE 48. Field of standard deviation of dynamic height of the individual surveys from the June normal. Contour level is 1 dynamic centimeter.

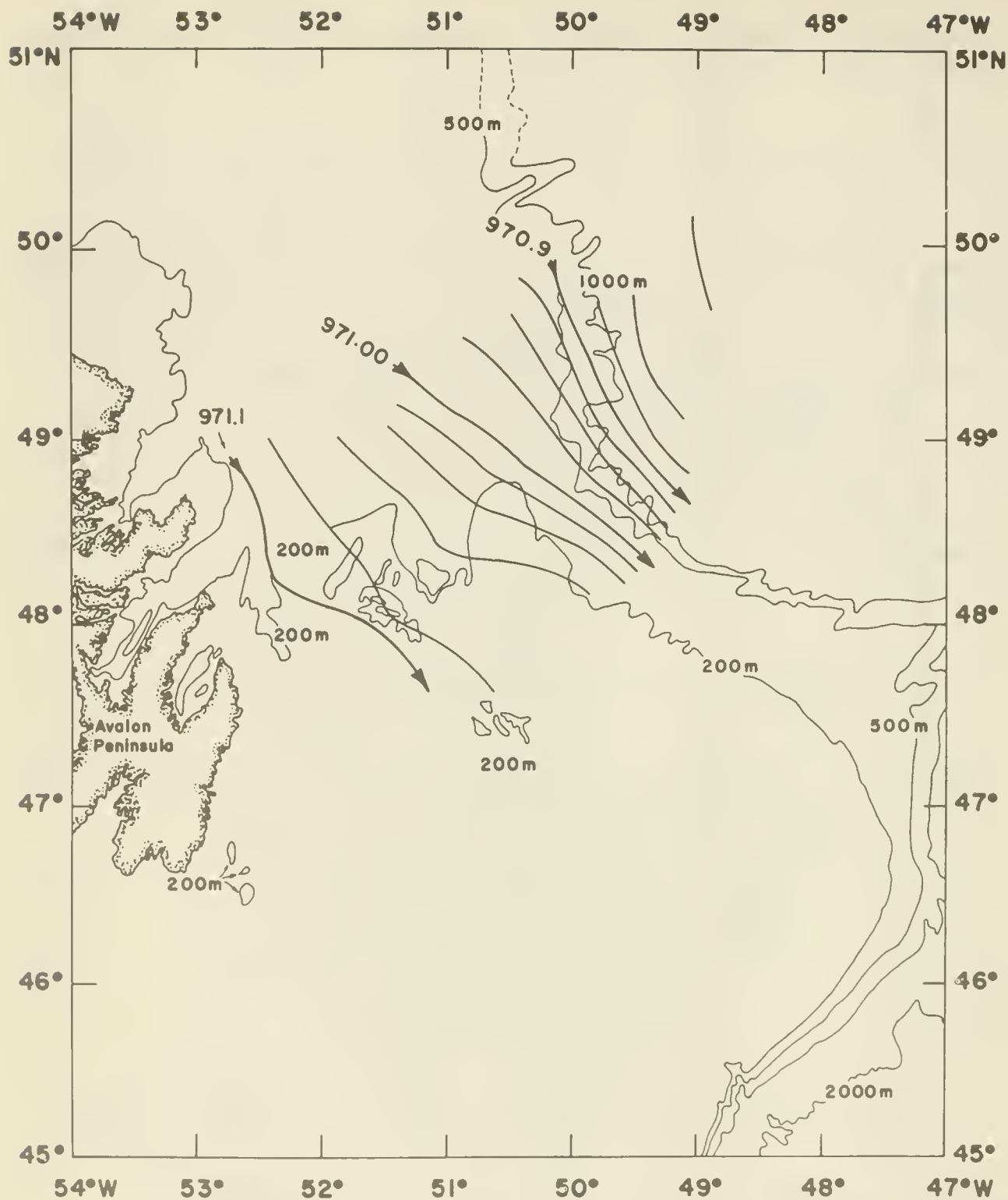


FIGURE 50. July monthly normal dynamic topography (dynamic meters) of the sea surface relative to the 1,000 decibar surface. Contour interval is 2 dynamic centimeters.

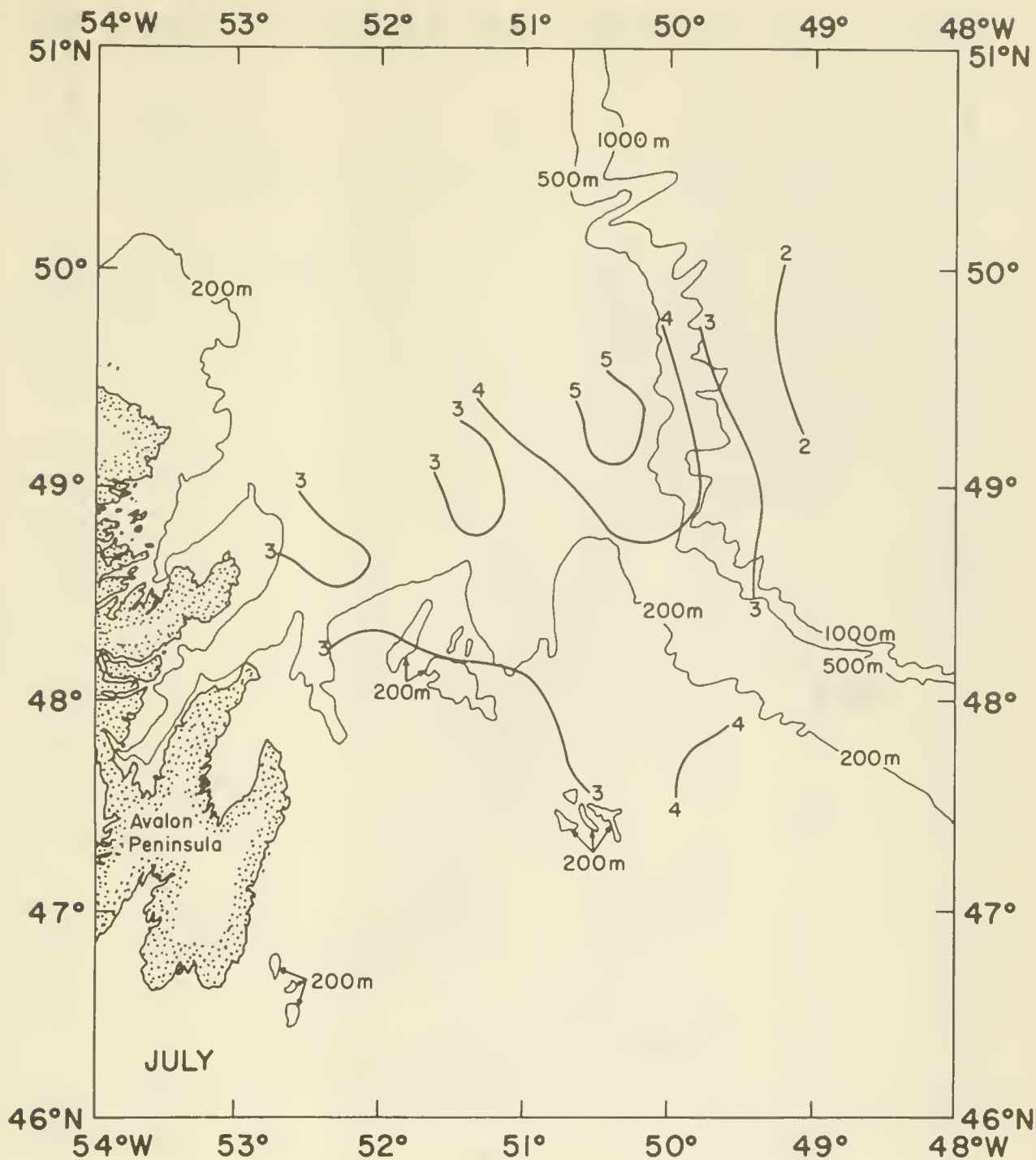


FIGURE 51. Field of standard deviation of dynamic height of the individual surveys from the July normal. Contour level is 1 dynamic centimeter.

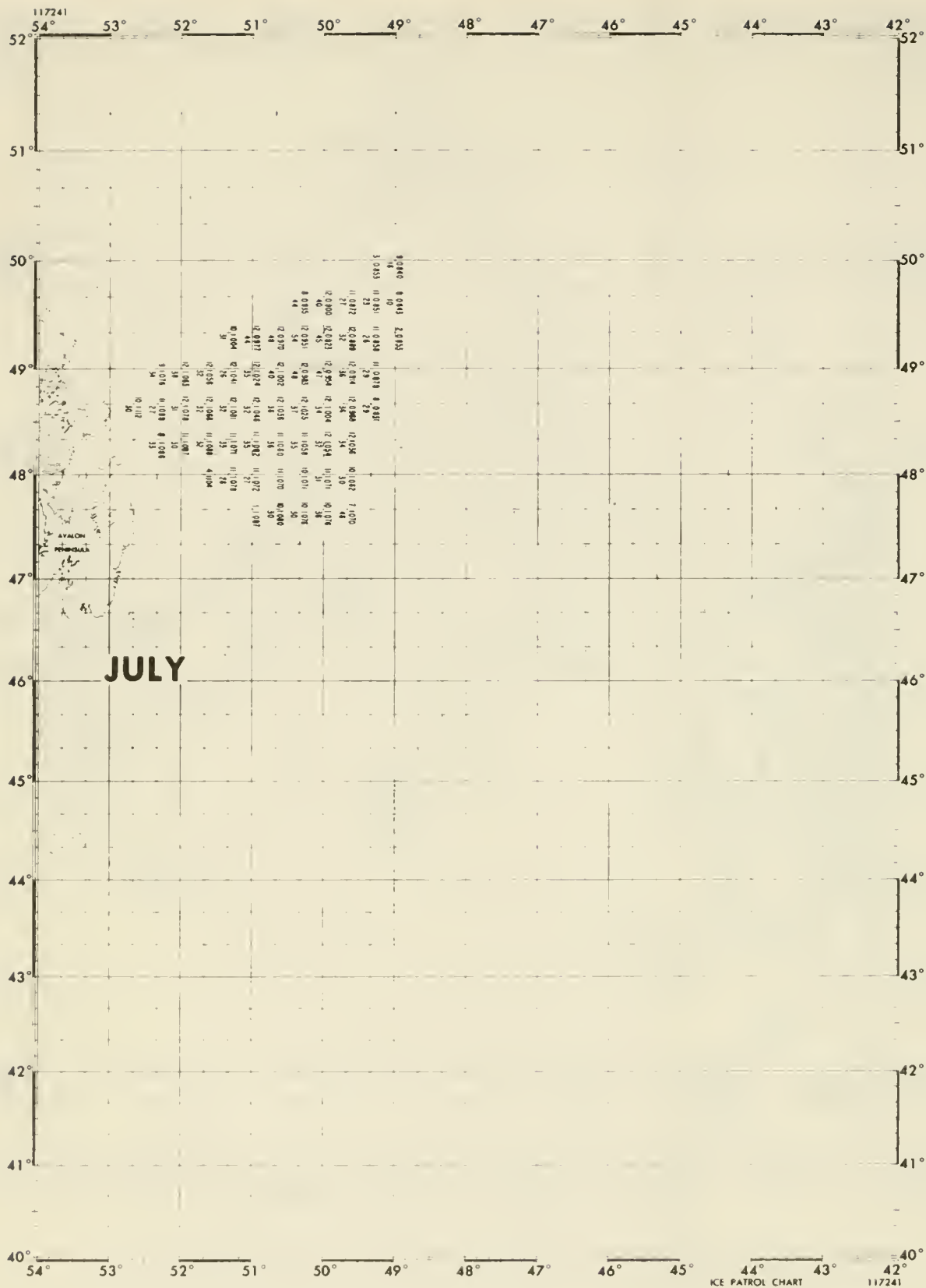


FIGURE 52. Numerical digest of data pertinent to the July normal dynamic topography.

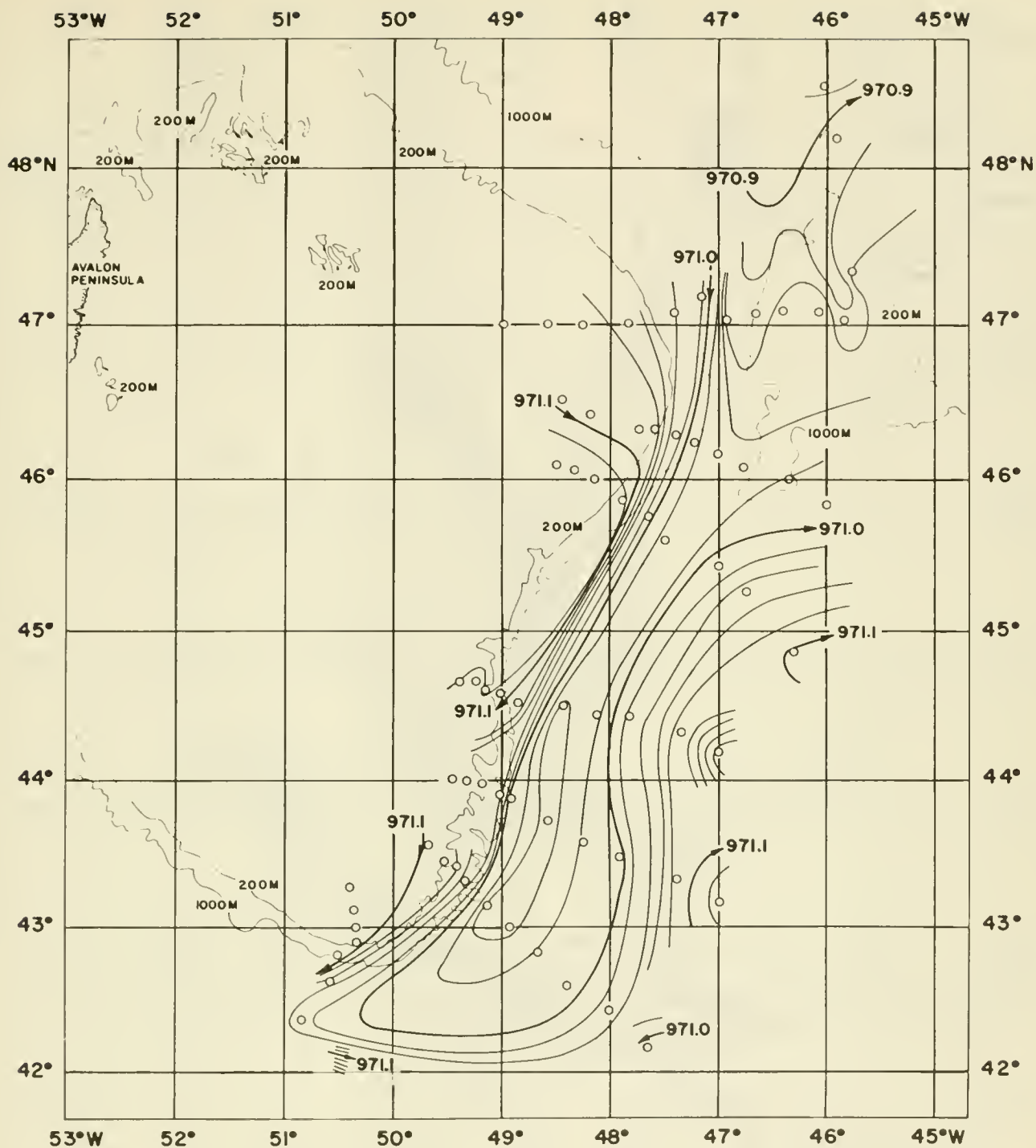


FIGURE 53. Sea surface dynamic topography (dynamic meters) relative to the 1,000 decibar level, CGC EVERGREEN 7 18 April 1972. Contour level is 2 dynamic centimeters.

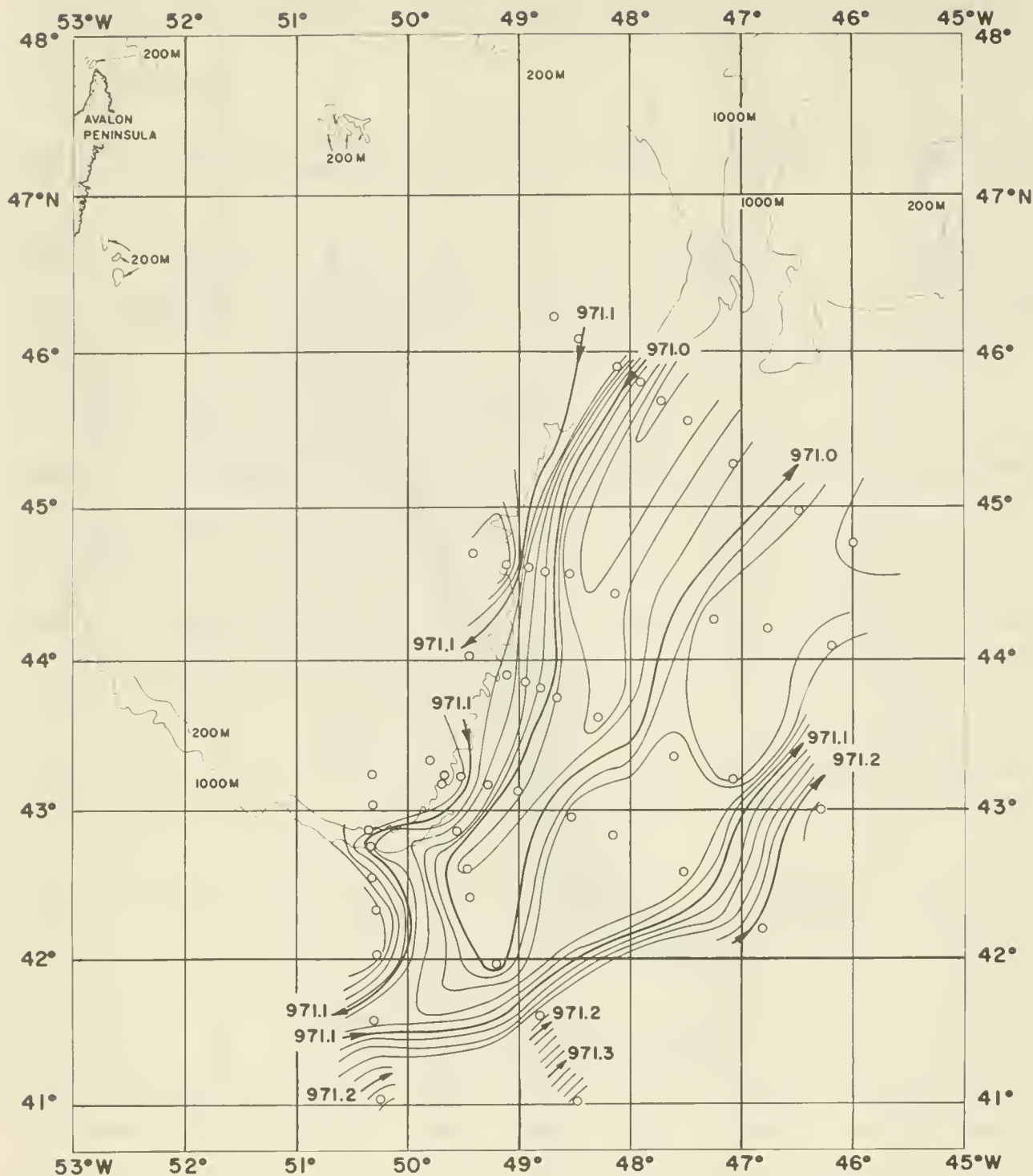


FIGURE 54. Sea surface dynamic topography (dynamic meters) relative to the 1,000 decibar level, CGC EVERGREEN 9-14 May 1972. Contour level is 2 dynamic centimeters.

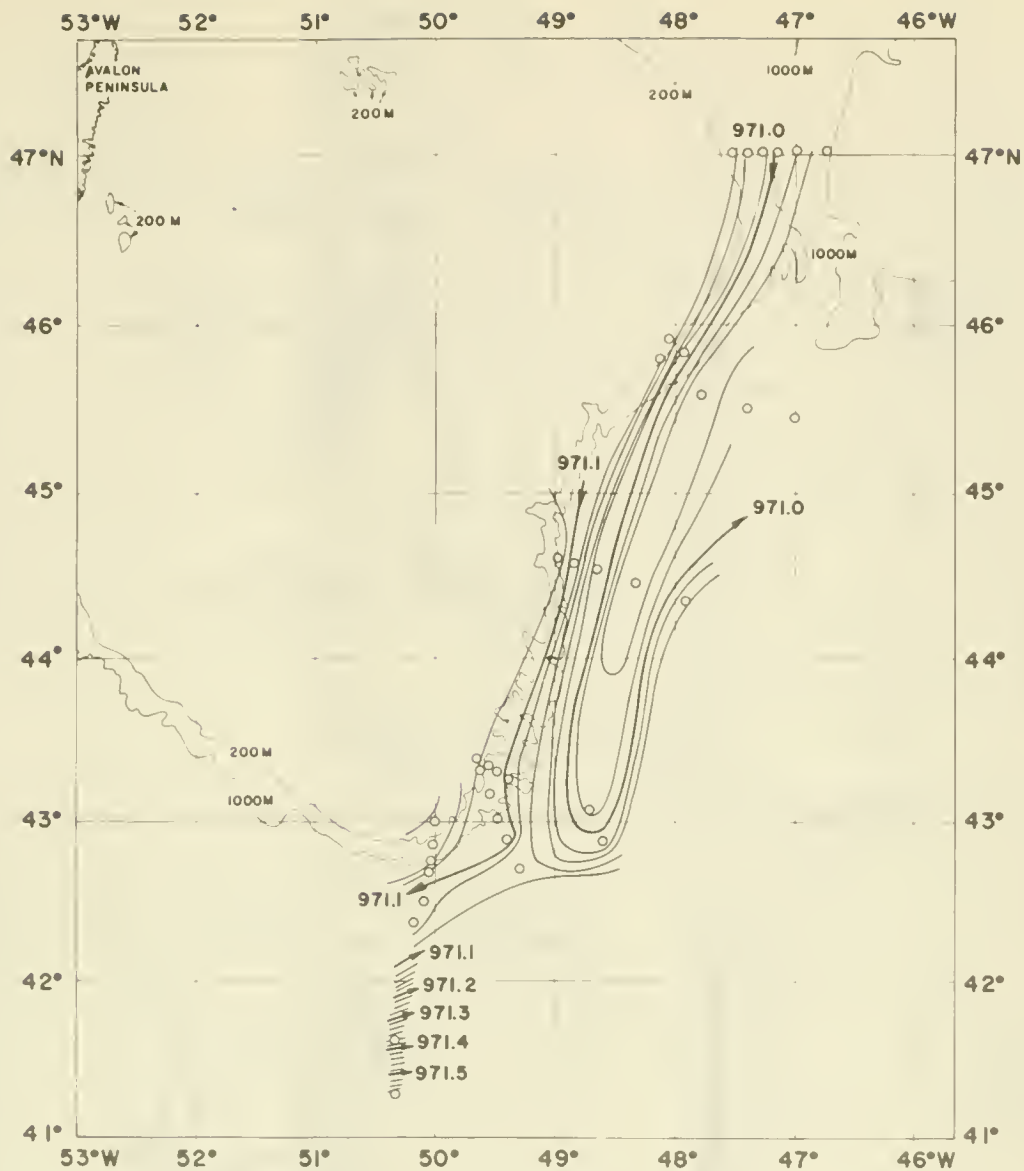


FIGURE 55. Sea surface dynamic topography (dynamic meters) relative to the 1,000 decibar level, CGC EVERGREEN 7-18 June 1972. Contour level is 2 dynamic centimeters.

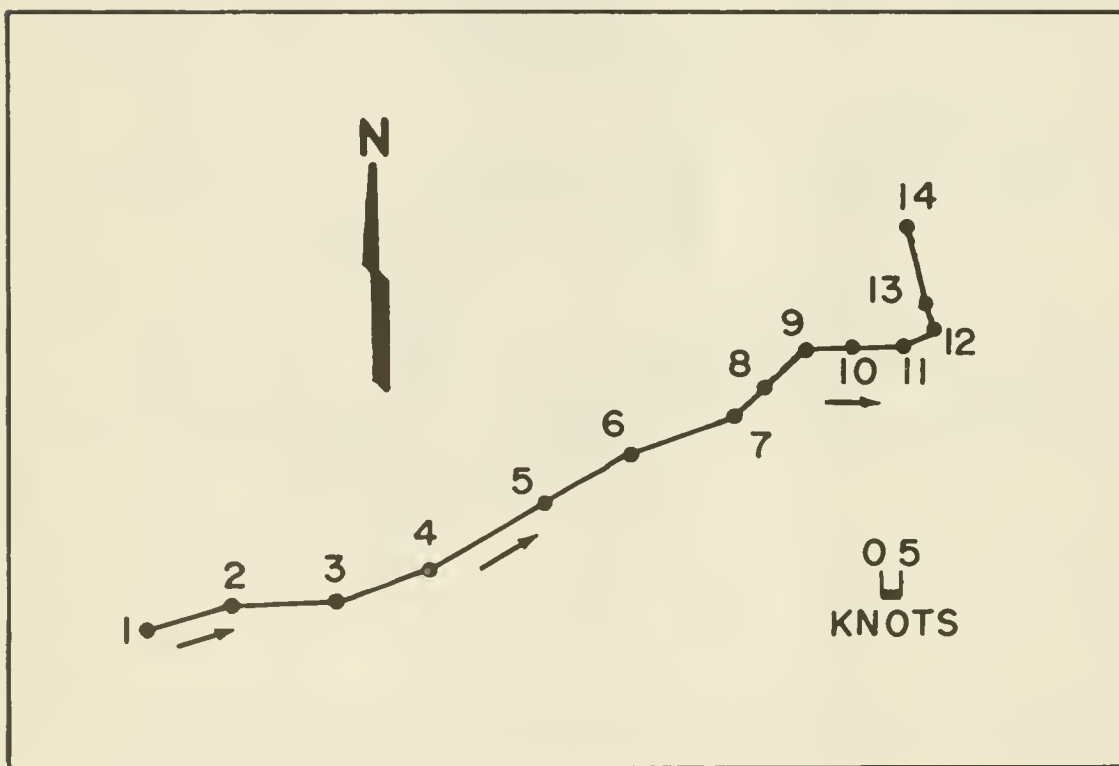
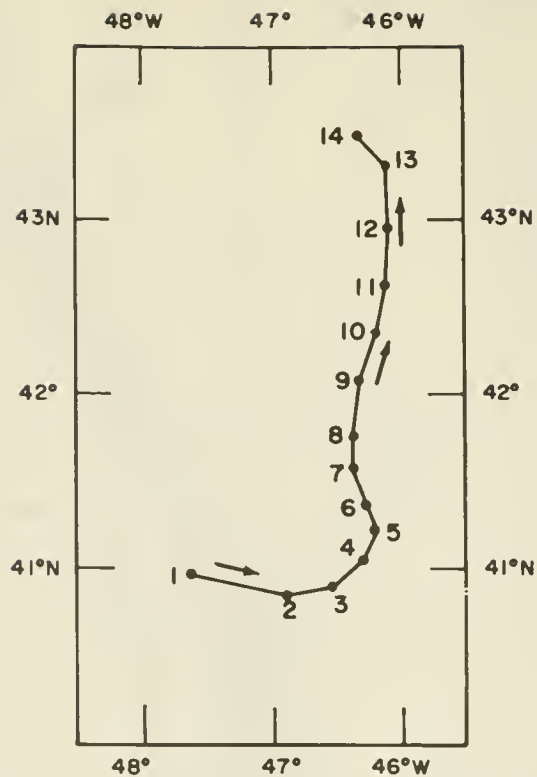


FIGURE 56. a. Drift of iceberg tracked from 5 to 11 May 1972 (Observations commenced 0500Z 5 May—sample interval 12 hours). b. Progressive vector diagram of winds in vicinity of study iceberg (Observations commenced 0000Z 5 May—sample interval 12 hours).

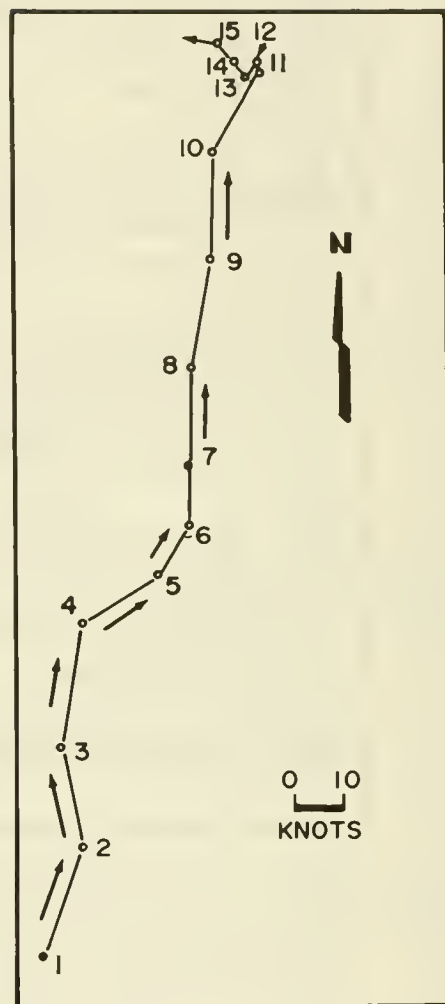
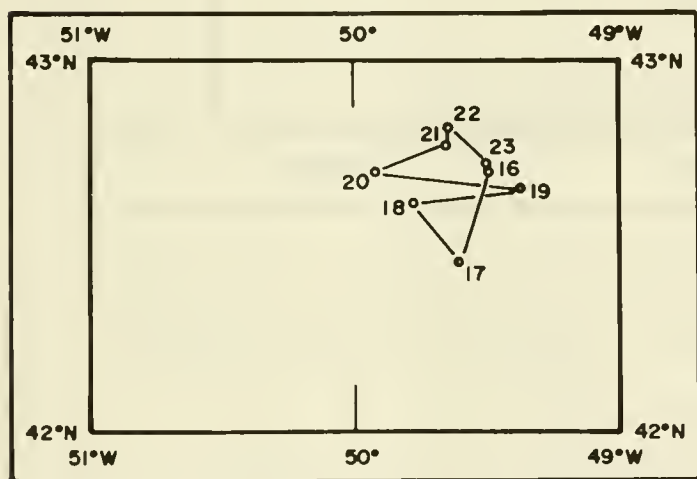
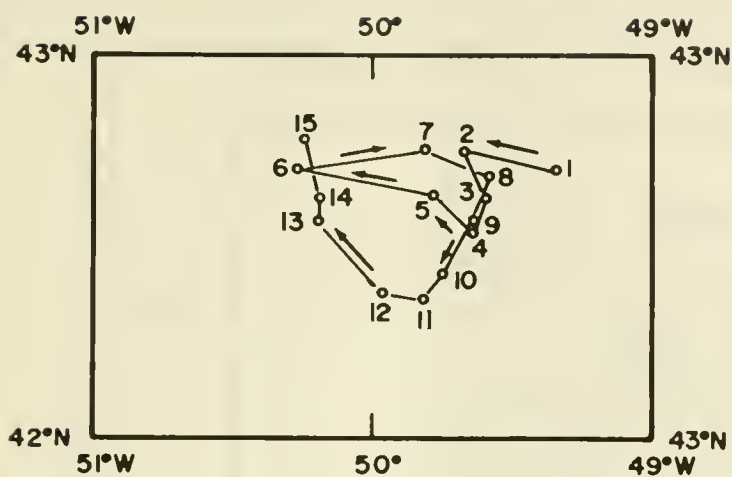


FIGURE 57. a. Drift of iceberg tracked from 8 to 15 June 1972 (Observations commenced 1200Z 8 June—sample interval 12 hours). b. Drift of iceberg tracked from 9 to 13 June 1972 (Observations commenced 1200Z 9 June—sample interval 12 hours). c. Progressive vector diagram of winds in the vicinity of the study icebergs (Observations commenced 1200Z 8 June—sample interval 12 hours).

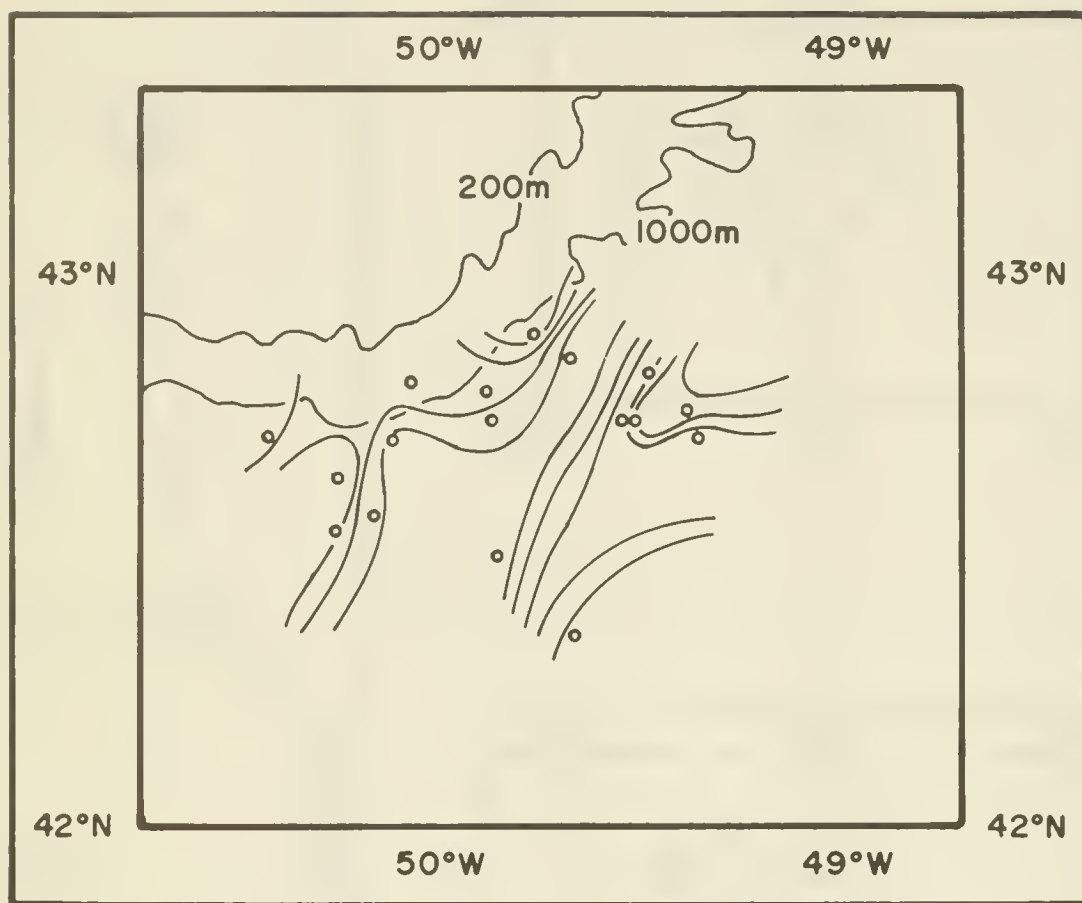


FIGURE 58. Sea surface dynamic topography (dynamic meters) relative to the 1,000 decibar level, CGC EVERGREEN 8-15 June 1972. Contour level is 2 dynamic centimeters.

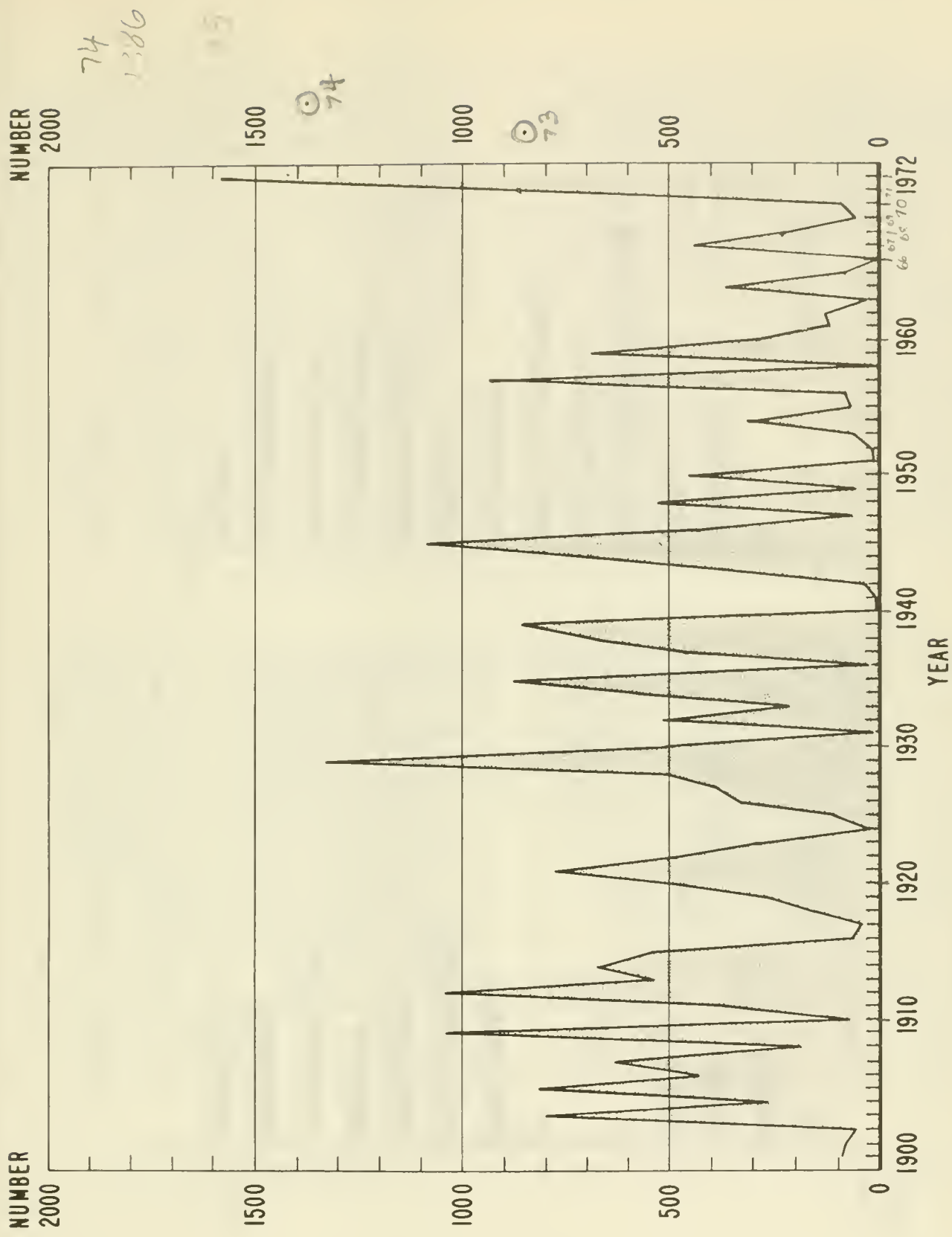


Figure 59. Number of icebergs per year which drifted south of 48°N (1900-1972).

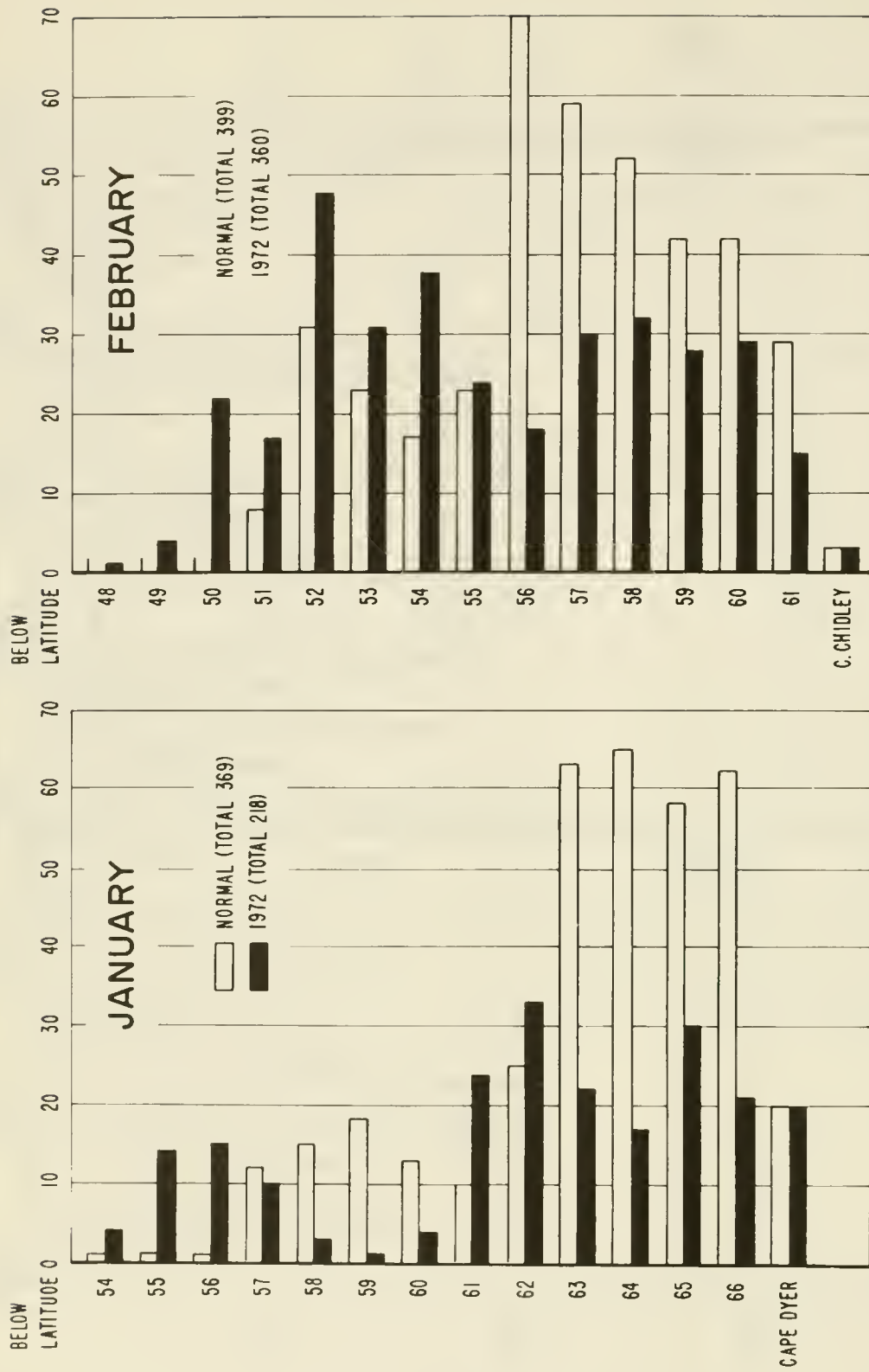


FIGURE 60. Icebergs sighted by January 1972 and February 1972 pre-season reconnaissance flights.

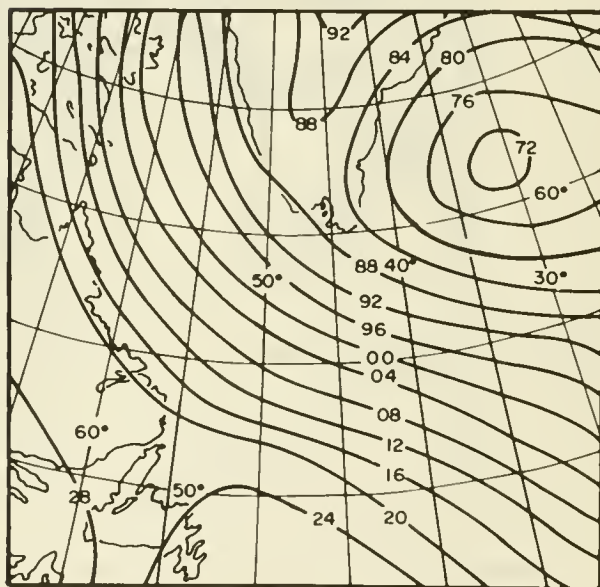
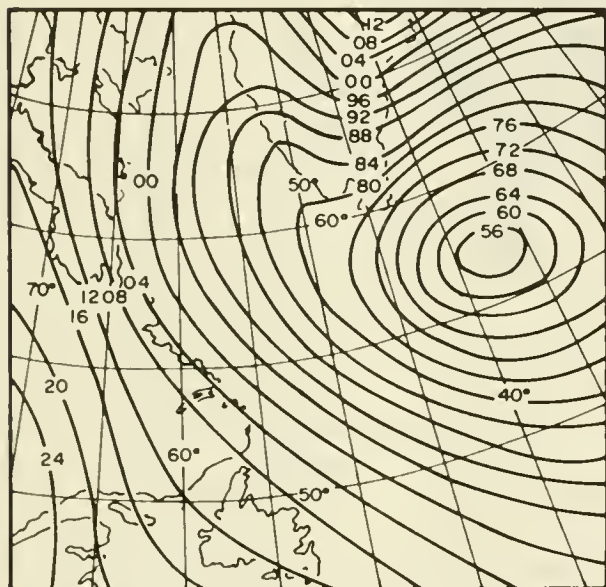
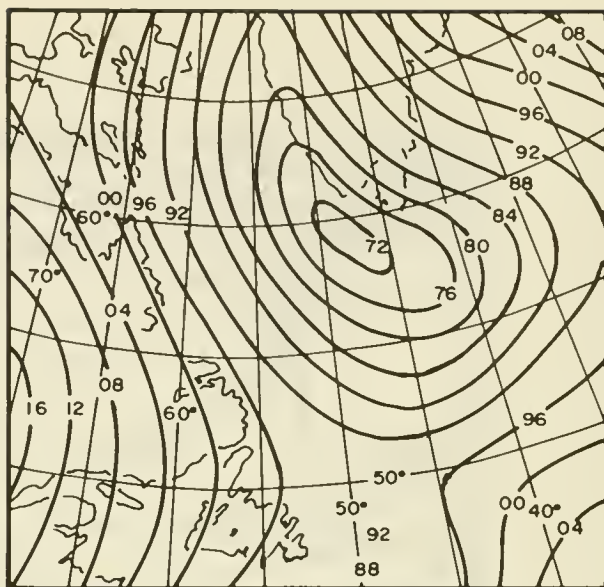
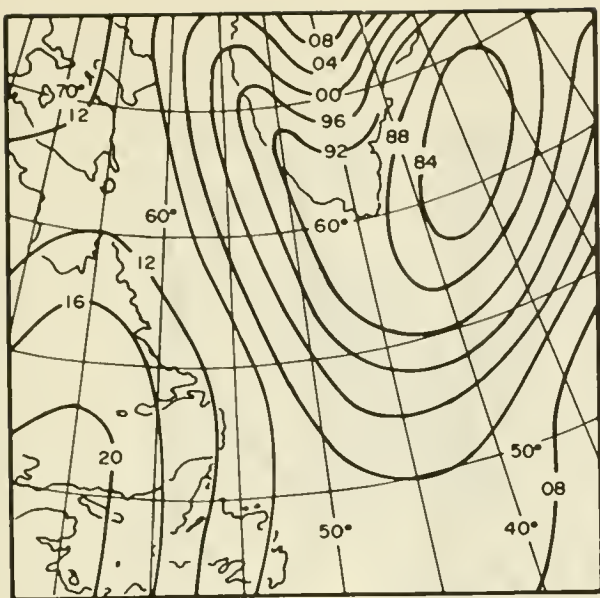


FIGURE 61. Four low pressure systems typical of conditions which existed during the winter of 1971–1972. a. 3 December 1971. b. 6 January 1972. c. 2 February 1972. d. 3 March 1972. Contour interval is 4 decibars.

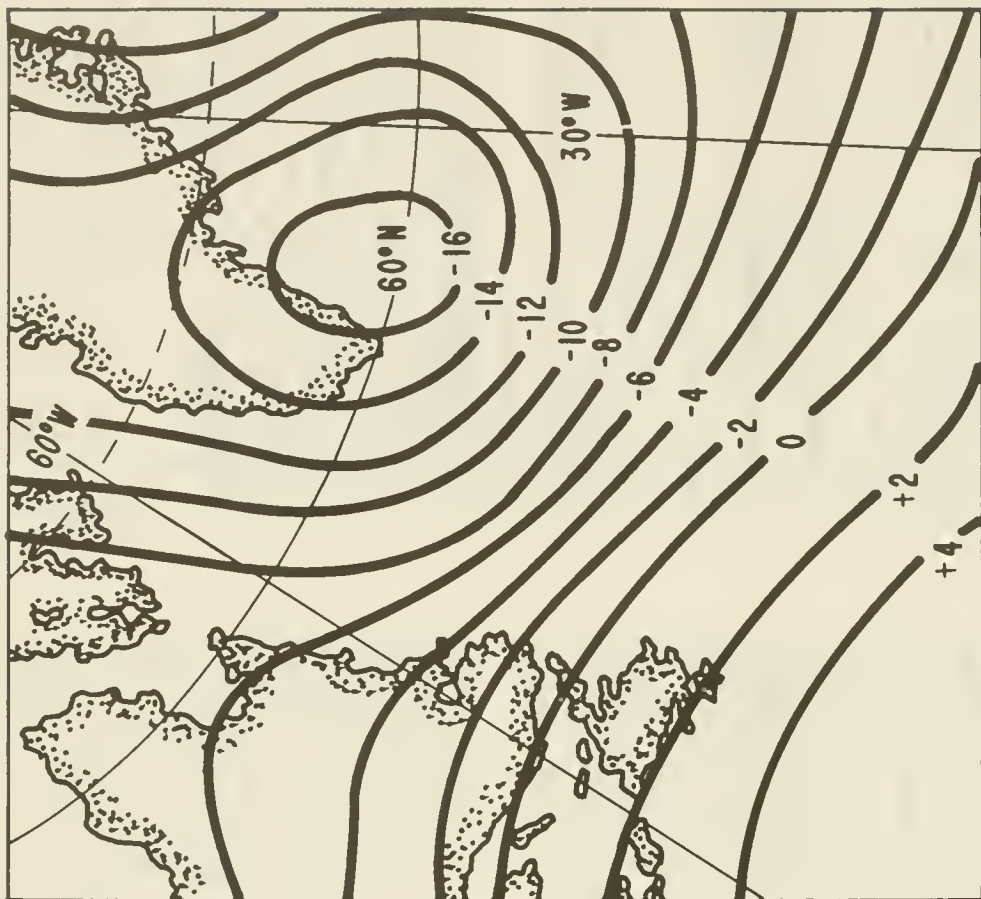


FIGURE 62. Surface pressure anomaly for January 1972 (after Sanderson, 1972). Contour interval 2 decibars.

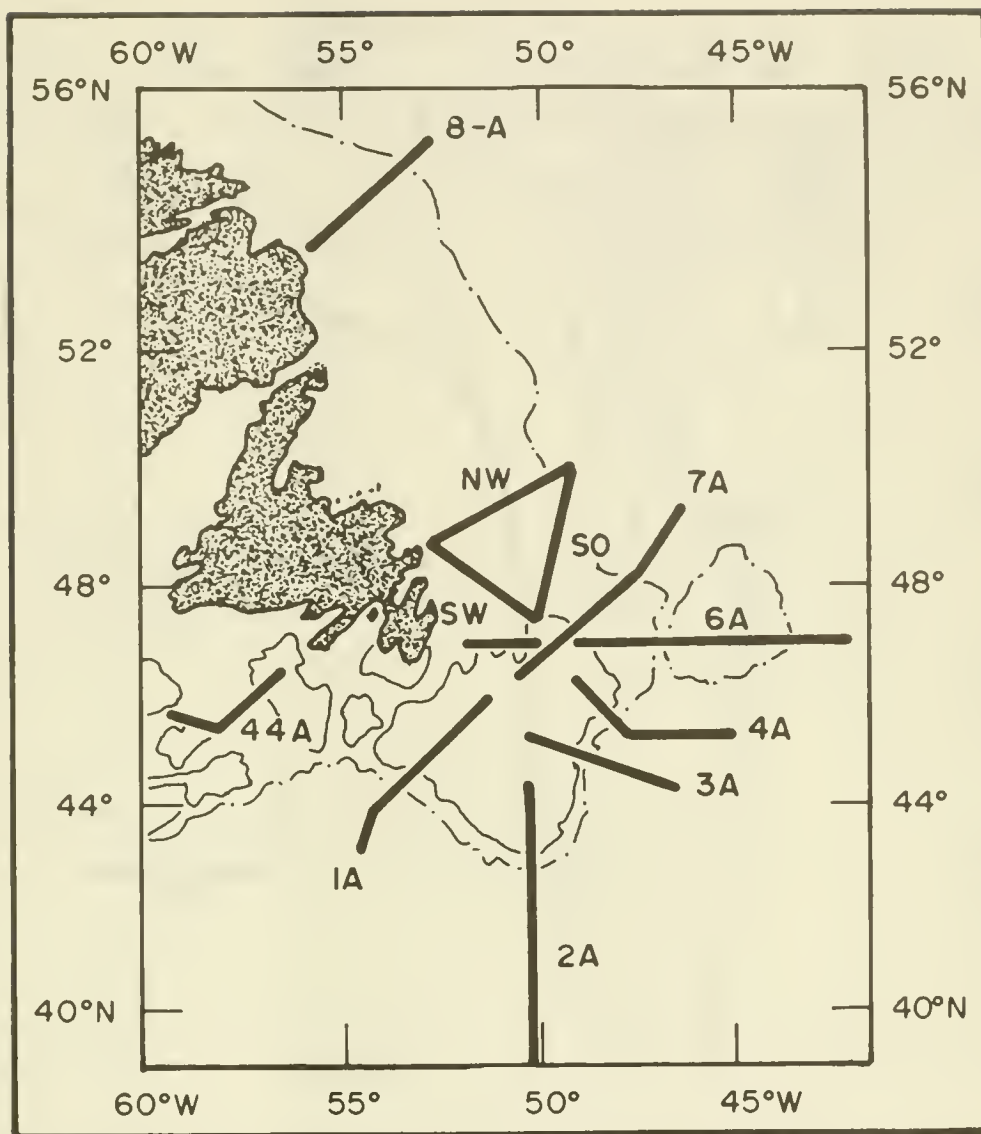


FIGURE 63. Standard Russian oceanographic sections near Newfoundland (after Burmakin).

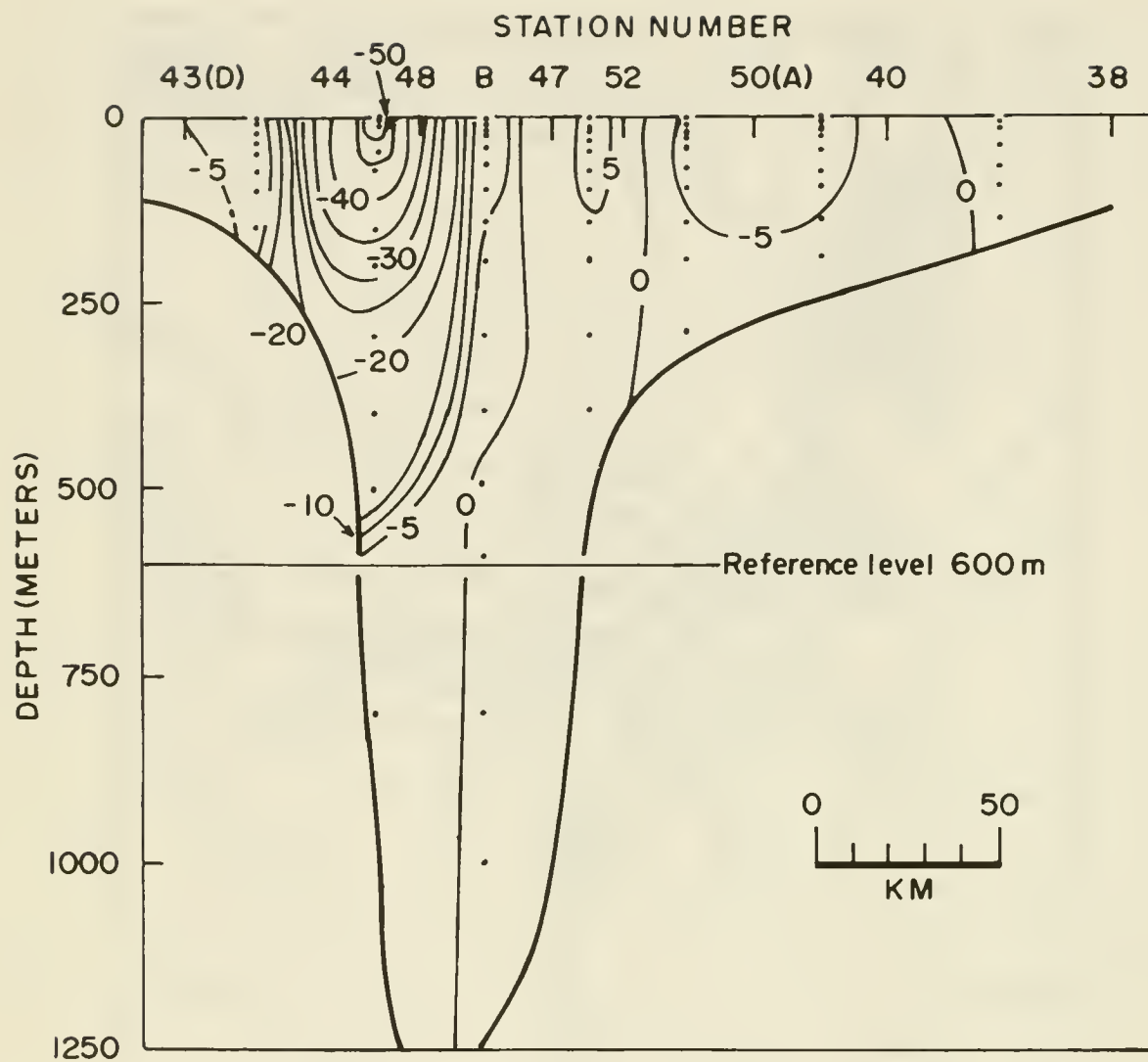


FIGURE 64. Vertical current (cm/sec) profile for the 17-18 April 1972 occupation of the Grand Banks-Flemish Cap Section (after Hill et al.). Positive numbers represent northerly flow.

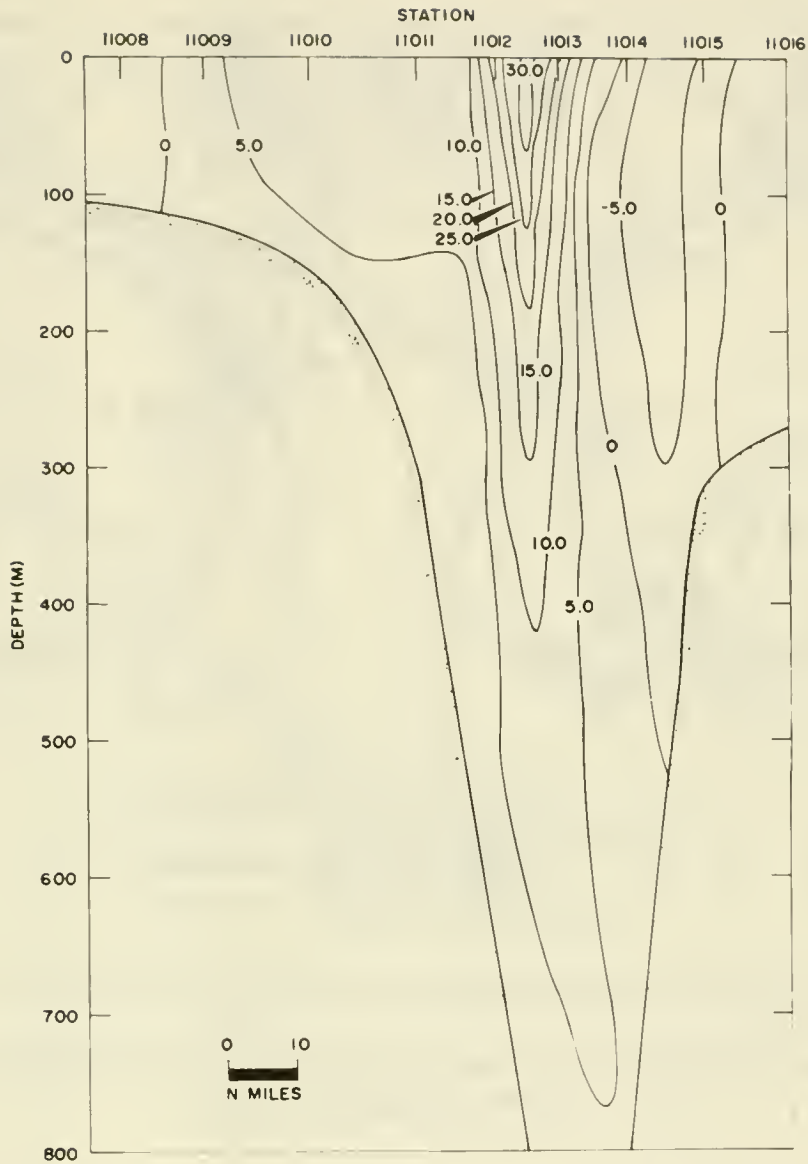


FIGURE 65. Vertical current (cm/sec) profile for the 7-9 April 1972 occupation of section A2. Positive numbers represent southerly flow.

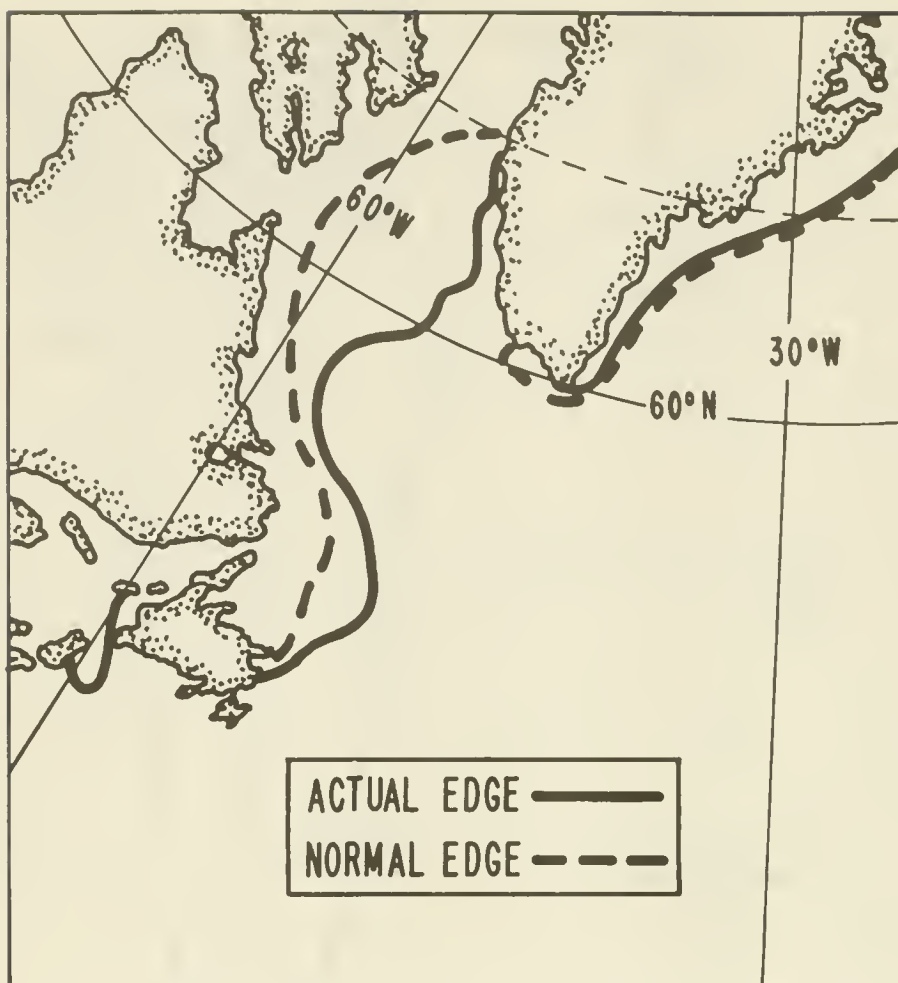


FIGURE 66. Normal sea ice edge compared with January 1972 sea ice edge (after Sanderson, 1972 b).

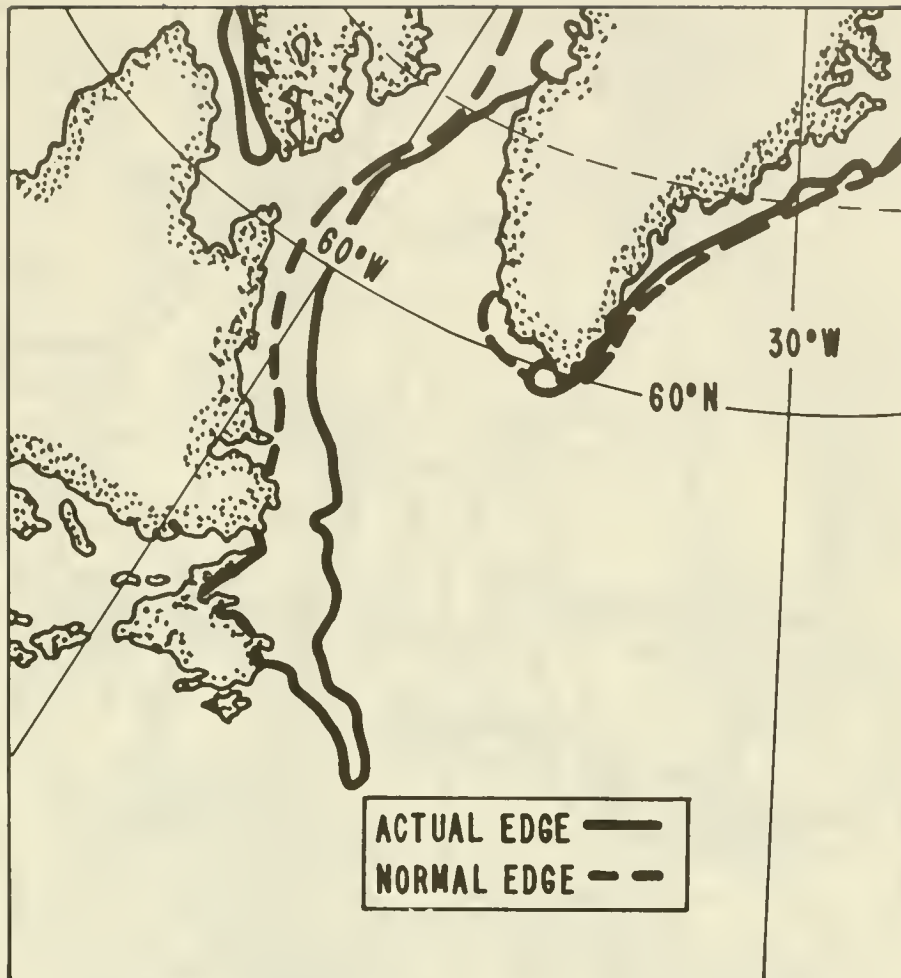


FIGURE 67. Normal sea ice edge compared with May 1972 sea ice edge (after Sanderson, 1972 c).

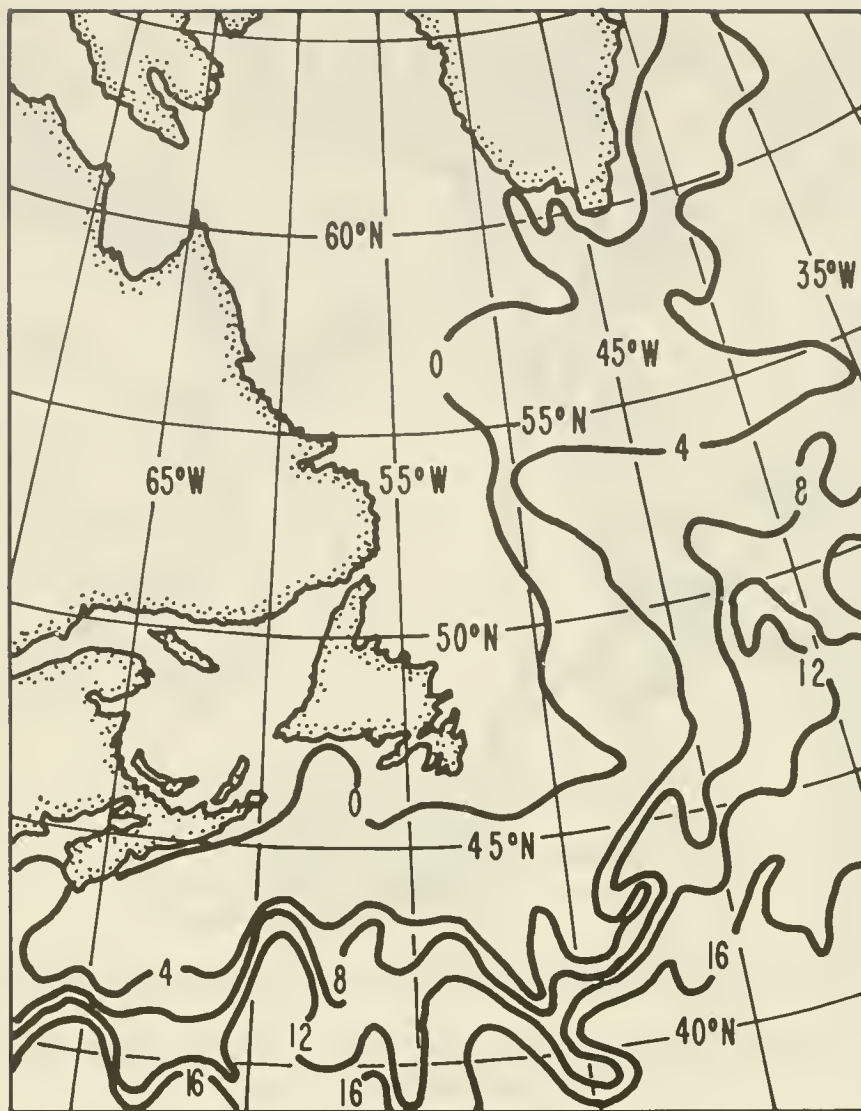


FIGURE 68. Mean sea surface temperatures ($^{\circ}\text{C}$) for March 1972
(after Royal Meteorological Office, 1972 a).

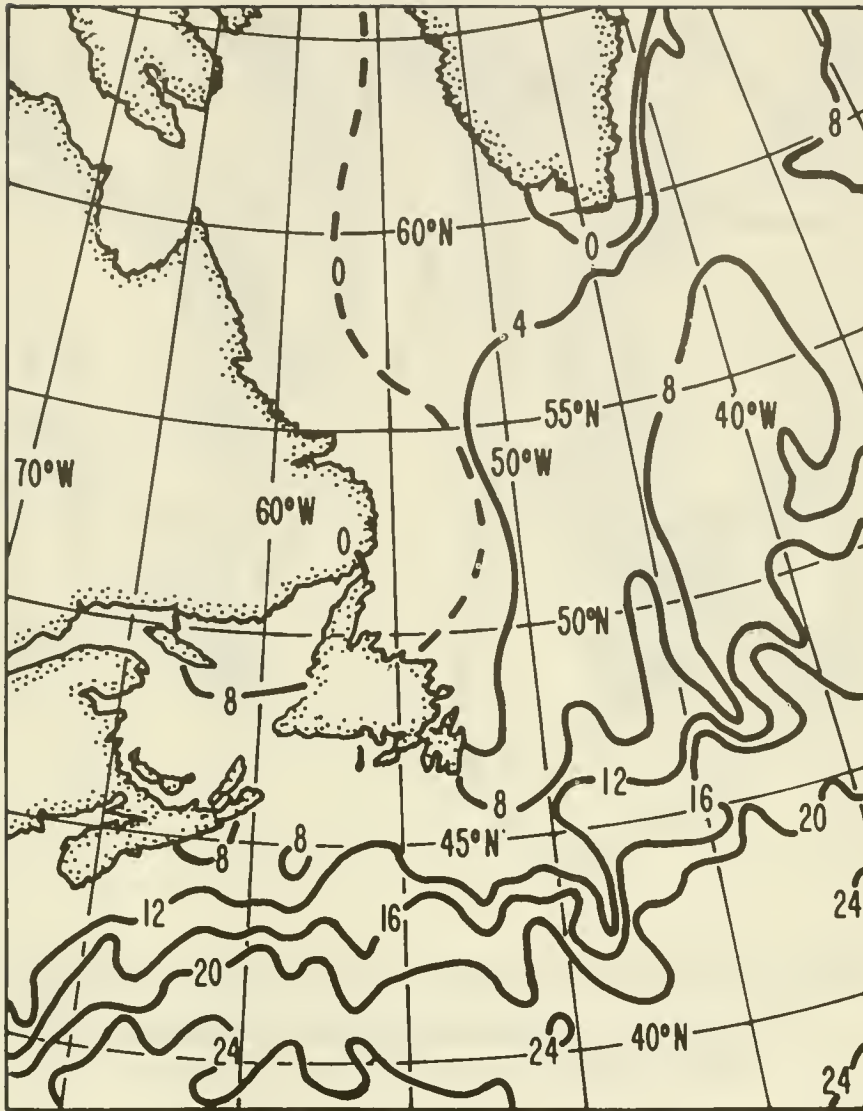


FIGURE 69. Mean sea surface temperature ($^{\circ}\text{C}$) for June 1972
(after Royal Meteorological Office, 1972 b).

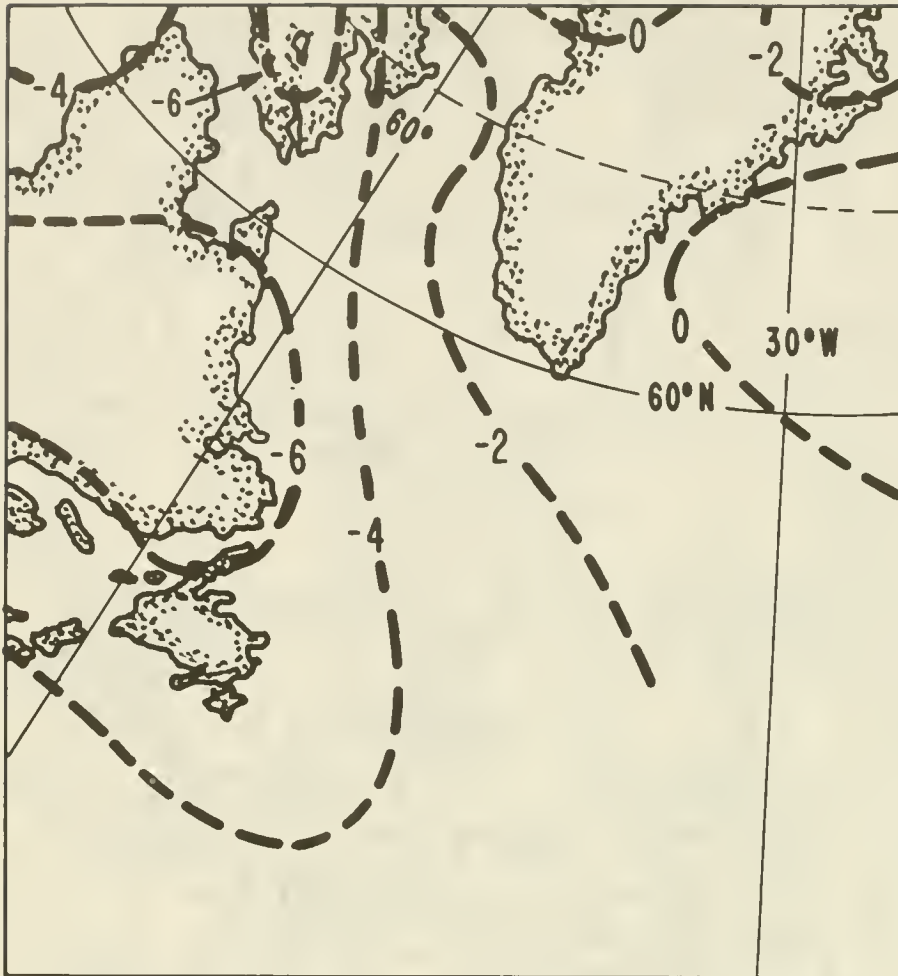


FIGURE 70. Air temperature anomaly for February 1972 (after Sanderson, 1972 B). Contour intervals 2°C .

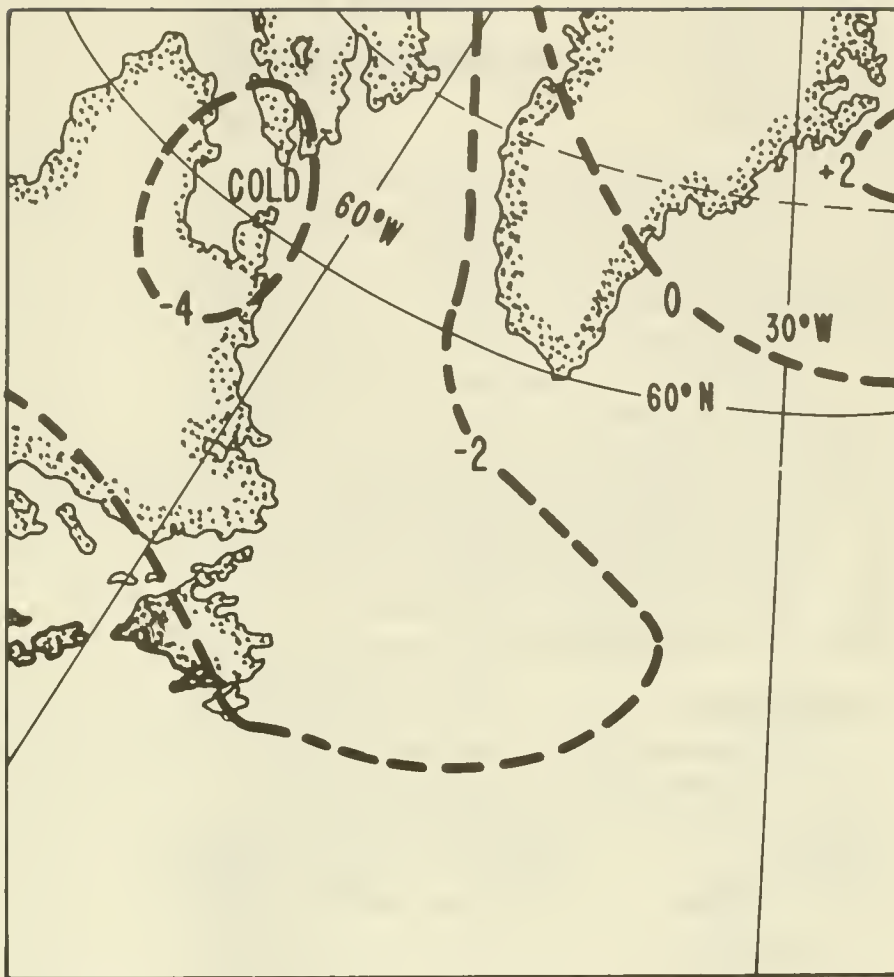


FIGURE 71. Air temperature anomaly for May 1972
(after Sanderson, 1972 c). Contour intervals 2 °C.

APPENDIX A

OCEANOGRAPHIC DATA

Cruises Listed

<i>Table</i>	<i>Page</i>
I. CGC SHERMAN November 1972 -----	80
II. CGC SPENCER September 1972 -----	85
III. CGC GALLATIN March 1971 -----	89
IV. CGC CAMPBELL July 1971 -----	95
V. CGC CHASE August 1971 -----	101
VI. CGC DALLAS November 1971 -----	107
VII. CGC SHERMAN March 1972 -----	114
VIII. CGC SHERMAN August 1972 -----	120
IX. CGC GALLATIN December 1972 -----	127
X. CGC HAMILTON September 1972 -----	132
XI. CGC DALLAS March 1971 -----	139
XII. CGC GALLATIN January 1972 -----	151
XIII. CGC EVERGREEN April-June 1972 -----	158

Codes Utilized

To facilitate use of the oceanographic station data listing, entry headings which are not self-explanatory are described below.

Latitude -----Degrees and minutes of latitude.
 Longitude -----Degrees and minutes of longitude.
 Depth to bottom -----Uncorrected soundings in meters.

Wave observations:

DIR. -----Rounded to nearest multiple of 10 degrees.
 HGT. -----Increments of $\frac{1}{2}$ meter. Sum of 5 meters plus increments of $\frac{1}{2}$ meters if 50 is added to direction.
 PER. -----If numerals 2 through 9 are entered, period in seconds is either twice the numeric entry or 2X (numeric entry) +1. 0=20 or 21 sec. 1=over 21 seconds. X=calm or not determined.
 SEA -----Sea state according to WMO Code 3700.

<i>Code</i>	<i>Height</i>	<i>Code</i>	<i>Height</i>
0	0m	5	2.5-4m
1	0-0.1m	6	4-6m
2	0.1-0.5m	7	6-9m
3	0.5-1.25m	8	9-14m
4	1.25-2.5m	9	>14m

Weather Code -----Weather according to WMO Code 4501.

<i>Code</i>		<i>Code</i>	
0	Clear	5	Drizzle
1	Partly cloudy	6	Rain
2	Cont. layers of clouds	7	Snow and rain and snow mixed
3	Blowing snow, sandstorm, etc.	8	Shower(s)
4	Fog, haze, dust	9	Thunderstorm(s)

Cloud Code

Type -----Cloud type according to WMO Code 0500.

<i>Code</i>	<i>Type</i>	<i>Code</i>	<i>Type</i>
0	Cirrus	5	Nimbostratus
1	Cirrocumulus	6	Stratocumulus
2	Cirrostratus	7	Stratus
3	Alto cumulus	8	Cumulus
4	Altostratus	9	Cumulonimbus

X Clouds not visible due to darkness, fog, or other analogous phenomena

Amount -----Cloud amount in eighths. Entry of the numeral 9 indicates cloud amount could not be estimated.

Wind

Dir. -----Rounded to nearest multiple of 10 degrees.

Speed -----Wind speed in knots.

Barometer -----Barometric pressure given in tens, units, and tenths of millibars.

Vis. Code -----Visibility according to WMO Code 4300.

<i>Code</i>	<i>Visibility</i>	<i>Code</i>	<i>Visibility</i>
0	Less than 50m	5	2-4km
1	50-200m	6	4-10km
2	200-500m	7	10-20km
3	500-1000m	8	20-50km
4	1-2km	9	50km or more

Dyn. Ht. -----Dynamic height in dynamic meters with respect to 1000 decibar reference surface.

Messenger time -----Entered in hours and tenths of an hour. Indicates the starting time for lowering the STD sensor.

Depth -----Depth to nearest meter.

Temp. -----Temperature to hundredths of a degree Celsius.

Sal. -----Salinity to hundredths of a part per thousand.

Sig-t -----Sigma-t value.

TABLE I.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 11-13 November 1972. Prepared from NODC Listing No. 31-2136.

REFID	31	2136	YEAR	1972	BUTDP	03017	AIR TEMP	00.6	DIR HGT PER	WIND-DIR	04	INST NANSEN	CST	TEN SQ	1407
CONSEC		0001	MONTH	11	SHIP	1H	WET BULB	-01.4		WIND-SPD	14	TRACE DIR		5 SQUARE	3
LAT	55	14.9N	DAY	11	DATA USE	1	BAROMETR	1029.2	SEA	WIND-FJR		DURATION		2 SQUARE	42
LONG	052	55.7W	HOUR	18.8	AREA	05	CLOUD T/A	6/8	CL/TR	WEATHER	X7	ORIG	A1 009	1 SQUARE	52

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	GYNPTH	SND VEL	OXYG	PJ4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	00.54	33.48	26.88	00.000	1447.7							
18.8	08S	00000	00.54	33.482	26.88		1449.7							
	STD	00010	00.59	33.50	26.88	00.012	1450.0							
	STD	00020	00.63	33.51	26.89	00.024	1450.4							
18.8	08S	00022	00.64	33.511	26.89		1450.5							
	STD	00030	00.92	33.56	26.91	00.035	1452.0							
18.8	08S	00044	01.27	33.650	26.97		1453.9							
	STD	00050	01.31	33.71	27.01	00.057	1454.3							
18.8	08S	00066	01.44	33.828	27.10		1455.3							
	STD	00075	01.50	33.85	27.11	00.083	1455.7							
18.8	08S	00089	01.64	33.909	27.15		1456.6							
	STD	00100	01.81	34.05	27.24	00.105	1457.8							
	STD	00125	02.23	34.30	27.42	00.124	1460.4							
18.8	08S	00133	02.37	34.373	27.46		1461.2							
	STD	00150	02.75	34.47	27.51	00.140	1463.3							
18.8	08S	00182	03.34	34.635	27.58		1466.6							
	STD	00200	03.54	34.67	27.59	00.168	1467.8							
	STD	00250	03.98	34.75	27.61	00.194	1470.6							
18.8	08S	00272	04.11											
	STD	00300	04.16	34.82	27.65	00.219	1472.2							
18.8	08S	T00368	04.24	34.880	27.69		1473.8							
	STD	00400	04.24	34.89	27.70	00.265	1474.3							
18.8	08S	00459	04.24	34.910	27.71		1475.3							
	STD	00500	04.19	34.91	27.71	00.310	1475.8							
18.8	08S	T00551	04.14	34.906	27.72		1476.4							
	STD	00600	04.13	34.91	27.72	00.354	1477.2							
	STD	00700	04.10	34.91	27.73	00.398	1478.7							
18.8	08S	00736	04.09	34.914	27.73		1479.3							
	STD	00800	04.05	34.92	27.73	00.443	1480.2							
	STD	00900	04.00	34.92	27.74	00.488	1481.6							
18.8	08S	00927	03.98	34.918	27.74		1482.0							
18.8	08S	T01410	03.69	34.930	27.78		1488.9							
	STD	01500	03.62	34.93	27.79		1490.1							
	STD	01750	03.41	34.94	27.82		1493.5							
	STD	02000	03.17	34.94	27.84		1496.7							
20.5	08S	T02103	03.07	34.945	27.86		1498.1							
	STD	02500	02.87	34.94	27.87		1504.0							
20.5	08S	02650	02.47	34.927	27.90		1504.8							
20.5	08S	T02710	02.26	34.919	27.91		1505.0							
20.5	08S	T02809	02.09	34.913	27.92		1505.9							

REFID	31	2136	YEAR	1972	BUTDP	02469	AIR TEMP	00.0	DIR HGT PER	WIND-DIR	03	INST NANSEN	CST	TEN SQ	1407
CONSEC		0002	MONTH	11	SHIP	1H	WET BULB	-01.8		WIND-SPD	13	TRACE DIR		5 SQUARE	3
LAT	55	07 N	DAY	11	DATA USE	1	BAROMETR	1029.3	SEA	WIND-FJR		DURATION		2 SQUARE	42
LONG	053	10 W	HOUR	23.3	AREA	05	CLOUD T/A	6/8	CL/TR	WEATHER	X7	ORIG	A1 009	1 SQUARE	53

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	GYNPTH	SND VEL	OXYG	PJ4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	01.06	33.64	26.98	00.000	1452.2							
	08S	00000	01.06	33.645	26.98		1452.2							
	STD	00010	01.26	33.68	26.99	00.011	1453.3							
	STD	00020	01.41	33.71	27.00	00.022	1454.2							
23.3	08S	00025	01.48	33.728	27.01		1454.6							
	STD	00030	01.54	33.75	27.02	00.032	1455.0							
23.3	08S	00046	01.65	33.802	27.06		1455.3							
	STD	00050	01.59	33.81	27.07	00.053	1455.7							
23.3	08S	00071	01.52	33.875	27.13		1455.8							
	STD	00075	01.57	33.93	27.17	00.076	1456.1							
23.3	08S	00092	01.82	34.140	27.32		1457.8							
	STD	00100	02.00	34.21	27.36	00.097	1458.8							
	STD	00125	02.53	34.41	27.48	00.114	1461.8							
23.3	08S	00139	02.81	34.507	27.53		1463.4							
	STD	00150	03.05	34.57	27.56	00.128	1464.7							
23.3	08S	T00185	03.68	34.731	27.63		1468.2							
	STD	00200	03.81	34.76	27.64	00.154	1469.0							
	STD	00250	04.12	34.83	27.66	00.178	1471.3							
23.3	08S	00278	04.23	34.862	27.67		1472.2							
	STD	00300	04.23	34.87	27.68	00.201	1472.6							
23.3	08S	T00369	04.22	34.894	27.70		1473.7							
	STD	00400	04.22	34.90	27.70	00.245	1474.2							
23.3	08S	00463	04.22	34.905	27.71		1475.3							
	STD	00500	04.21	34.91	27.71	00.290	1475.9							
23.3	08S	T00556	04.19	34.906	27.71		1476.7							
	STD	00600	04.17	34.91	27.72	00.334	1477.4							
	STD	00700	04.14	34.92	27.73	00.379	1478.9							
23.3	08S	00746	04.12	34.919	27.73		1479.6							
	STD	00800	04.03	34.91	27.74	00.424	1480.1							
	STD	00900	03.88	34.91	27.75	00.468	1481.1							
23.3	08S	T00938	03.83	34.905	27.75		1481.6							
23.3	08S	T01452	03.68	34.935	27.74		1489.6							

TABLE I.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 11-13 November 1972, Prepared from NODC Listing No. 31-2136.—Continued

REFID	31	2136	YEAR	1972	80TOP	01765	AIR TEMP	00.0	DIR HGT PER	WIND-DIR	05	INST	NANSEN	CAS	TEM	SO	1407		
CONSEC		0003	MONTH	11	SHIP	1H	WET BULB	-01.8	06	3	2	WIND-SPD	13	TRACE	DIR	5	SQUARE	1	
LAT	54	59	N	DAY	12	DATA USE	1	BAROMETR	1029.4	SEA		WIND-FJR		DURATION		2	SQUARE	42	
LONG	053	25	W	HOOR	01.5	AREA	05	CLOUD T/A	6/8	CL/TR		WEATHER	X7	ORIG	A1	009	1	SQUARE	43

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	UXYC	PJ4	TOT P	N02	N03	S103	PH
	STO	00000	- 0.52	33.01	26.54	00.000	1444.1							
01.5	OBS	00000	- 0.52	33.009	26.54		1444.1							
	STO	00010	- 0.16	33.21	26.69	00.014	1446.2							
	STO	00020	00.07	33.35	26.80	00.027	1447.6							
01.5	OBS	00026	00.14	33.416	26.84		1448.2							
	STO	00030	00.09	33.43	26.85	00.040	1448.0							
01.5	OBS	00049	- 0.01	33.493	26.91		1448.0							
	STO	00050	- 0.01	33.50	26.92	00.063	1448.0							
	STO	00075	00.17	33.65	27.03	00.091	1449.4							
01.5	OBS	00076	00.18	33.659	27.04		1449.5							
01.5	OBS	00098	00.48	33.819	27.15		1451.5							
	STO	00100	00.55	33.84	27.16	00.115	1451.9							
	STO	00125	01.40	34.07	27.29	00.136	1456.4							
01.5	OBS	00147	02.03	34.247	27.39		1459.8							
	STO	00150	02.10	34.27	27.40	00.155	1460.2							
01.5	OBS	T00197	03.07	34.551	27.54		1465.5							
	STO	00200	03.12	34.56	27.55	00.186	1465.8							
	STO	00250	03.74	34.72	27.61	00.213	1469.5							
01.5	OBS	00295	04.08	34.809	27.65		1471.8							
	STO	00300	04.08	34.81	27.65	00.238	1471.9							
01.5	OBS	T00393	04.06	34.860	27.69		1473.4							
	STO	00400	04.07	34.86	27.69	00.285	1473.6							
01.5	OBS	00492	04.16	34.897	27.71		1475.5							
	STO	00500	04.16	34.90	27.71	00.329	1475.6							
01.5	OBS	00590	04.14	34.912	27.72		1477.1							
	STO	00600	04.12	34.91	27.72	00.374	1477.2							
	STO	00700	03.99	34.90	27.73	00.418	1478.2							
01.5	OBS	T00791	03.89	34.891	27.73		1479.3							
	STO	00800	03.88	34.89	27.73	00.463	1479.5							
	STO	00900	03.81	34.89	27.74	00.507	1480.8							
01.5	OBS	T00992	03.76	34.897	27.75		1482.1							
01.5	OBS	T01508	03.68	34.933	27.79		1490.5							

REFID	31	2136	YEAR	1972	80TOP	00960	AIR TEMP	00.2	DIR HGT PER	WIND-DIR	04	INST	NANSEN	CAS	TEM	SO	1407		
CONSEC		0004	MONTH	11	SHIP	1H	WET BULB	-01.5	04	3	2	WIND-SPD	14	TRACE	DIR	5	SQUARE	1	
LAT	54	54	N	DAY	12	DATA USE	1	BAROMETR	1030.5	SEA		WIND-FJR		DURATION		2	SQUARE	42	
LONG	053	34	W	HOOR	07.2	AREA	05	CLOUD T/A	6/8	CL/TR		WEATHER	X2	ORIG	A1	009	1	SQUARE	43

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	UXYC	PJ4	TOT P	N02	N03	S103	PH
	STO	00000	00.68	32.45	26.04	00.000	1448.9							
07.2	OBS	00000	00.68	32.455	26.04		1448.9							
	STO	00010	- 0.07	32.68	26.26	00.019	1445.4							
	STO	00020	- 0.50	32.86	26.43	00.036	1444.3							
07.2	OBS	00023	- 0.57	32.909	26.47		1444.1							
	STO	00030	- 0.41	32.99	26.53	00.051	1445.1							
07.2	OBS	00045	- 0.17	33.139	26.64		1446.7							
	STO	00050	- 0.11	33.17	26.66	00.080	1447.1							
07.2	OBS	00068	- 0.08	33.264	26.73		1447.6							
	STO	00075	- 0.22	33.28	26.75	00.114	1447.1							
07.2	OBS	00091	- 0.44	33.357	26.82		1446.5							
	STO	00100	- 0.29	33.45	26.89	00.145	1447.5							
	STO	00125	00.15	33.67	27.05	00.172	1450.2							
07.2	OBS	00137		33.765										
	STO	00150	00.62	33.85	27.17	00.196	1453.0							
07.2	OBS	T00188	01.37	34.089	27.31		1457.3							
	STO	00200	01.72	34.18	27.36	00.237	1459.2							
	STO	00250	02.91	34.49	27.51	00.271	1465.7							
07.2	OBS	00282	03.46	34.639	27.58		1468.7							
	STO	00300	03.62	34.69	27.60	00.299	1469.8							
07.2	OBS	T00377	04.09	34.829	27.66		1473.2							
	STO	00400	04.14	34.84	27.67	00.349	1473.8							
07.2	OBS	00479	04.22	34.880	27.69		1475.5							
	STO	00500	04.20	34.88	27.69	00.396	1475.8							
07.2	OBS	T00576	04.14	34.895	27.71		1476.8							
	STO	00600	04.13	34.90	27.71	00.441	1477.2							
	STO	00700	04.10	34.91	27.73	00.486	1478.7							
07.2	OBS	T00772	04.07	34.913	27.73		1479.8							
	STO	00800	04.03	34.91	27.73	00.531	1480.1							
07.2	OBS	T00881	03.86	34.904	27.75		1480.7							

TABLE 1.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 11-13 November 1972, Prepared from NODC Listing No. 31-2136.—Continued

REFID 31 2136	YEAR 1972	BOTOP 00320	AIR TEMP 00.0	DIR HGT PER	WIND-DIR 05	INST NANSEN CAST	TEN SQ 1407
CONSEC 0005	MONTH 11	SHIP 1H	WET BULB -01.5	06 2 2	WIND-SPO 12	TRACE DIR	5 SQUARE 1
LAT 54 45 N	DAY 12	DATA USE 1	BAROMETR 1029.1	SEA	WIND-FUR	DURATION	2 SQUARE 42
LONG 053 51 W	HOOR 09.3	AREA 05	CLOUD T/A 6/8	CL/TR	WEATHER X2	ORIG A1 009	1 SQUARE 43

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S103	PH
	STD	00000	- 0.61	32.54	26.17	00.000	1443.0							
09.3	OBS	00000	- 0.61	32.537	26.17		1443.0							
	STD	00010	- 0.58	32.54	26.17	00.019	1443.4							
	STD	00020	- 0.55	32.55	26.18	00.037	1443.7							
09.3	OBS	00025	- 0.54	32.557	26.18		1443.8							
	STD	00030	- 0.53	32.64	26.25	00.055	1444.0							
	STD	00050	- 0.48	32.88	26.44	00.089	1445.0							
09.3	OBS	00050	- 0.48	32.882	26.44		1445.0							
	STD	00075	- 0.34	32.96	26.50	00.128	1446.1							
09.3	OBS	00075	- 0.34	32.959	26.50		1446.1							
	STD	00100	- 0.20	33.07	26.58	00.160	1447.3							
09.3	OBS	00100	- 0.20	33.064	26.58		1447.3							
	STD	00125	- 0.02	33.17	26.65	00.201	1448.7							
09.3	OBS	00149	00.15											
	STD	00150	00.15	33.29	26.74	00.235	1450.1							
	STD	00200	00.51	33.61	26.96	00.295	1453.0							
09.3	OBS	T00204	00.57	33.640	27.00		1453.4							
	STD	00250	01.48	34.03	27.25	00.343	1458.8							
09.3	OBS	T00299	03.01	34.536	27.54		1466.9							

REFID 31 2136	YEAR 1972	BOTOP 00238	AIR TEMP 01.4	DIR HGT PER	WIND-DIR 08	INST NANSEN CAST	TEN SQ 1407
CONSEC 0006	MONTH 11	SHIP 1H	WET BULB -00.4	11 3 3	WIND-SPO 08	TRACE DIR	5 SQUARE 1
LAT 54 37 N	DAY 12	DATA USE 1	BAROMETR 1029.0	SEA	WIND-FUR	DURATION	2 SQUARE 44
LONG 054 06 W	HOOR 15.8	AREA 05	CLOUD T/A 6/8	CL/TR	WEATHER X2	ORIG A1 009	1 SQUARE 44

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S103	PH
	STD	00000	- 0.57	32.52	26.16	00.000	1443.2							
15.8	OBS	00000	- 0.57	32.525	26.16		1443.2							
	STD	00010	- 0.58	32.53	26.16	00.019	1443.4							
	STD	00020	- 0.58	32.54	26.17	00.037	1443.5							
15.6	OBS	00025	- 0.58	32.545	26.17		1443.6							
	STD	00030	- 0.58	32.55	26.18	00.050	1443.7							
15.8	OBS	00049	- 0.57	32.572	26.19		1444.1							
	STD	00050	- 0.56	32.58	26.20	00.092	1444.2							
15.8	OBS	00074	- 0.33	32.800	26.37		1445.9							
	STD	00075	- 0.33	32.81	26.37	00.136	1446.0							
15.8	OBS	00099	- 0.35	32.942	26.48		1446.5							
	STD	00100	- 0.37	32.94	26.49	00.176	1446.4							
	STD	00125	- 0.80	33.02	26.57	00.214	1446.9							
15.8	OBS	00149	- 0.99	33.118	26.65		1446.5							
	STD	00150	- 0.98	33.12	26.65	00.249	1446.6							
	STD	00200	- 0.55	33.38	26.85	00.314	1447.8							
15.8	OBS	T00211	- 0.46	33.451	26.90		1448.5							

REFID 31 2136	YEAR 1972	BOTOP 00205	AIR TEMP 01.6	DIR HGT PER	WIND-DIR 08	INST NANSEN CAST	TEN SQ 1407
CONSEC 0007	MONTH 11	SHIP 1H	WET BULB 00.1	08 3 2	WIND-SPO 05	TRACE DIR	5 SQUARE 1
LAT 54 27 N	DAY 12	DATA USE 1	BAROMETR 1029.1	SEA	WIND-FUR	DURATION	2 SQUARE 44
LONG 054 25 W	HOOR 17.5	AREA 05	CLOUD T/A 6/6	CL/TR	WEATHER X2	ORIG A1 009	1 SQUARE 44

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S103	PH
	STD	00000	- 0.60	32.56	26.18	00.000	1443.1							
17.5	OBS	00000	- 0.60	32.556	26.18		1443.1							
	STD	00010	- 0.58	32.57	26.15	00.018	1443.4							
	STD	00020	- 0.56	32.59	26.21	00.037	1443.7							
17.5	OBS	00025	- 0.55	32.602	26.22		1443.3							
	STD	00030	- 0.55	32.63	26.24	00.055	1444.0							
	STD	00050	- 0.54	32.73	26.32	00.090	1444.5							
17.5	OBS	00050	- 0.54	32.733	26.32		1444.5							
	STD	00075	- 0.41	32.90	26.45	00.131	1445.7							
17.5	OBS	00076	- 0.41	32.904	26.46		1445.7							
	STD	00100	- 0.37	33.00	26.54	00.167	1446.4							
17.5	OBS	00101		33.009										
	STD	00125	- 0.37	33.15	26.65	00.206	1447.1							
	STD	00150	- 0.35	33.28	26.76	00.239	1447.8							
17.5	OBS	00151	- 0.35	33.267	26.76		1447.8							
17.5	OBS	T00161	- 0.55	33.440	26.84		1447.6							

TABLE 1.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 11-13 November 1972, Prepared from NODC Listing No. 31-2136. Continued

REFID 31 2136	YEAR 1972	BOTUP 00183	AIR TEMP 00.6	DIR HGT PER	WIND-DIR 03	INST NANSEN CAST	TEN SQ 1407
CONSEC 0008	MONTH 11	SHIP 1H	WET BULB -01.5	11 2 3	WIND-SPO 03	TRACE DIR	5 SQUARE 1
LAT 54 19 N	DAY 12	DATA USE 1	BAROMETR 1028.7	SEA	WIND-FLR	DURATION	2 SQUARE 44
LONG 054 40 W	HOUR 18.9	AREA 05	CLOUD T/A 6/8	CL/TR	WEATHER X2	ORIG A1 009	1 SQUARE 44

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPH	SNO VEL	OXYG	PJ4	TGT P	NO2	NO3	SIO3	PH
	STD	00000	- 0.40	32.41	26.06	00.000	1443.9							
18.9	OBS	00000	- 0.40	32.414	26.06		1443.9							
	STD	00010	- 0.40	32.42	26.07	00.020	1444.0							
	STD	00020	- 0.41	32.45	26.09	00.039	1444.2							
18.9	OBS	00025	- 0.41	32.473	26.11		1444.3							
	STD	00030	- 0.41	32.52	26.15	00.054	1444.3							
	STD	00050	- 0.56	32.68	26.28	00.094	1444.3							
18.9	OBS	00050	- 0.56	32.678	26.28		1444.3							
	STD	00075	- 0.81	32.83	26.41	00.130	1443.8							
18.9	OBS	00075	- 0.81	32.828	26.41		1443.8							
	STD	00100	- 0.30	33.00	26.53	00.176	1446.8							
18.9	OBS	00100	- 0.30	33.005	26.53		1446.8							
	STD	00125	- 0.57	33.13	26.65	00.212	1446.1							
	STD	00150	- 0.84	33.22	26.72	00.240	1445.4							
18.9	OBS	00158	- 0.93	33.231	26.74		1445.1							

REFID 31 2136	YEAR 1972	BOTUP 00172	AIR TEMP 01.2	DIR HGT PER	WIND-DIR 03	INST NANSEN CAST	TEN SQ 1407
CONSEC 0009	MONTH 11	SHIP 1H	WET BULB -00.4	11 3 3	WIND-SPO 05	TRACE DIR	5 SQUARE 1
LAT 54 12 N	DAY 12	DATA USE 1	BAROMETR 1029.0	SEA	WIND-FLR	DURATION	2 SQUARE 44
LONG 054 53 W	HOUR 20.3	AREA 05	CLOUD T/A 6/8	CL/TR	WEATHER X2	ORIG A1 009	1 SQUARE 44

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPH	SNO VEL	OXYG	PJ4	TGT P	NO2	NO3	SIO3	PH
	STD	00000	00.02	32.53	26.14	00.060	1446.0							
20.3	OBS	00000	00.02	32.534	26.14		1446.0							
	STD	00010	00.13	32.55	26.15	00.013	1446.0							
	STD	00020	00.21	32.56	26.15	00.034	1447.2							
20.3	OBS	00025	00.23	32.567	26.16		1447.4							
	STD	00030	00.22	32.57	26.16	00.056	1447.4							
	STD	00050	00.19	32.57	26.16	00.093	1447.6							
20.3	OBS	00050	00.19	32.575	26.16		1447.6							
	STD	00075	- 0.97	32.91	26.48	00.136	1443.1							
20.3	OBS	00075	- 0.97	32.910	26.48		1443.1							
	STD	00100	- 1.10	33.02	26.58	00.174	1443.1							
20.3	OBS	00100	- 1.10	33.025	26.58		1443.1							
	STD	00125	- 1.14	33.13	26.67	00.209	1443.2							
20.3	OBS	00147	- 1.24	33.215	26.74		1443.5							

REFID 31 2136	YEAR 1972	BOTUP 00157	AIR TEMP 00.4	DIR HGT PER	WIND-DIR 03	INST NANSEN CAST	TEN SQ 1407
CONSEC 0010	MONTH 11	SHIP 1H	WET BULB -01.6	11 3 3	WIND-SPO 07	TRACE DIR	5 SQUARE 2
LAT 54 03 N	DAY 12	DATA USE 1	BAROMETR 1029.5	SEA	WIND-FLR	DURATION	2 SQUARE 44
LONG 055 10 W	HOUR 21.8	AREA 05	CLOUD T/A 6/5	CL/TR	WEATHER X2	ORIG A1 009	1 SQUARE 45

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPH	SNO VEL	OXYG	PJ4	TGT P	NO2	NO3	SIO3	PH
	STD	00000	- 0.33	32.41	26.06	00.000	1444.2							
21.4	OBS	00000	- 0.33	32.413	26.06		1444.2							
	STD	00010	- 0.32	32.41	26.06	00.020	1444.4							
	STD	00020	- 0.30	32.42	26.06	00.034	1444.7							
21.8	OBS	00025	- 0.28	32.431	26.07		1444.8							
	STD	00030	- 0.23	32.43	26.07	00.053	1445.2							
	STD	00050	- 0.15	32.51	26.12	00.097	1446.0							
21.8	OBS	00050	- 0.15	32.506	26.12		1446.0							
	STD	00075	- 0.37	32.76	26.34	00.142	1445.7							
21.4	OBS	00075	- 0.37	32.765	26.34		1445.7							
	STD	00100	- 0.71	32.94	26.50	00.182	1444.8							
21.8	OBS	00100		32.941										
	STD	00125	- 1.16	33.07	26.62	00.214	1443.3							
21.8	OBS	00132	- 1.31	33.099	26.64		1442.7							

TABLE I.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 11-13 November 1972, Prepared from NODC Listing No. 31-2136.—Continued

REFID	31	2136	YEAR	1972	BDTOP	00168	AIR TEMP	00.2	DIR FGT PER	WIND-DIR	07	INST NANSEN	CAS	TEN SQ	1407
CONSEC		0011	MONTH	11	SHIP LH		NET BULB	-01.4	11	3	3	WIND-SPD	07	5 SQUARE	2
LAT	53	57.5N	DAY	12	DATA USE	1	BARUMETR	1028.3	SEA			DURATION		2 SQUARE	24
LONG	055	31.0W	HOOR	23.7	AREA	05	CLUD T/A	6/8	CL/TR			WEATHER	X2	1 SQUARE	35

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
	STD	00000	- 0.45	32.02	25.74	00.000	1443.1							
23.7	UBS	00000	- 0.45	32.020	25.74		1443.1							
	STD	00010	- 0.48	32.26	25.44	00.022	1443.4							
	STD	00020	- 0.51	32.43	26.08	00.042	1443.7							
23.7	UBS	00025	- 0.53	32.493	26.13		1443.8							
	STD	00030	- 0.56	32.49	26.13	00.061	1443.7							
	STD	00050	- 0.60	32.52	26.15	00.098	1443.7							
23.7	UBS	00050	- 0.60	32.516	26.15		1443.7							
	STD	00075	- 0.52	32.58	26.20	00.145	1444.8							
23.7	UBS	00075	- 0.52	32.581	26.20		1444.8							
	STD	00100	- 0.54	32.80	26.38	00.188	1445.2							
23.7	UBS	00100	- 0.54	32.803	26.38		1445.2							
	STD	00125	- 0.57	33.04	26.61	00.226	1446.1							
23.7	UBS	00143	- 0.49	33.339	26.81		1447.1							

REFID	31	2136	YEAR	1972	BDTOP	00165	AIR TEMP	00.3	DIR FGT PER	WIND-DIR	07	INST NANSEN	CAS	TEN SQ	1407
CONSEC		0012	MONTH	11	SHIP LH		NET BULB	-01.4	11	3	3	WIND-SPD	06	5 SQUARE	2
LAT	53	47 N	DAY	13	DATA USE	1	BARUMETR	1028.1	SEA			DURATION		2 SQUARE	24
LONG	055	40 W	HOOR	01.1	AREA	05	CLUD T/A	6/8	CL/TR			WEATHER	X2	1 SQUARE	35

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
	STD	00000	00.06	31.39	25.21	00.000	1444.5							
01.1	UBS	00000	00.06	31.378	25.21		1444.5							
	STD	00010	00.05	31.76	25.51	00.026	1445.2							
	STD	00020	00.04	32.04	25.74	00.050	1445.7							
01.1	UBS	00025	00.04	32.144	25.83		1445.9							
	STD	00030	- 0.07	32.19	25.87	00.072	1445.6							
	STD	00050	- 0.33	32.31	25.98	00.114	1446.4							
01.1	UBS	00050	- 0.33	32.314	25.98		1446.4							
	STD	00075	- 0.27	32.34	26.00	00.164	1446.6							
01.1	UBS	00075	- 0.27	32.344	26.00		1446.6							
	STD	00100	- 0.33	32.38	26.03	00.214	1446.8							
01.1	UBS	00100	- 0.33	32.376	26.03		1446.8							
	STD	00125	- 0.34	32.43	26.07	00.263	1446.2							
01.1	UBS	00140	- 0.34	32.480	26.11		1446.5							

TABLE II.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SPENCER, 21-22 September 1972, Prepared from NODC Listing No. 31-2135.

REF ID	31	2135	YEAR	1972	BUTDP	00156	AIR TEMP	03.1	OIP	FUT PER	WIND-OIR	34	INST	NANSEN	CAS	TEN	SO	1407		
CONSEC	0001		MONTH	09	SHIP	SC	NET BULB	03.9		33	2	2	WIND-SPD	14	TRACE	OIR	5	SQUARE	2	
LAT	53	47	N	DAY	21	DATA	USE	1	BAROMETER	1018.7	SEA		WIND-FUR		DURATION		2	SQUARE	24	
LONG	055	40	W	HOUR	18.0	AREA		05	CLOUD	T/A	076	CL/TIR	WEATHER	X1	ORIG	A1	008	1	SQUARE	35

CASINLM/TIME	LVL	TYPE	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND	VEL	OXYG	PJ4	TCT	P	NO2	NO3	SI03	PH
	18.0	0BS	00021	03.23	31.500	25.11			1459.1								
		STO	00030	03.11	31.52	25.12			1458.8								
	18.0	0BS	00043	02.97	31.541	25.15			1458.5								
		STO	00050	01.67	31.81	25.47			1453.2								
	18.0	0BS	00070	- 0.77	32.401	26.08			1443.3								
		STO	00075	- 0.88	32.47	26.12			1442.9								
	18.0	0BS	00093	- 1.22	32.670	26.24			1441.9								
		STO	00100	- 1.32	32.73	26.35			1441.8								
		STO	00125	- 1.57	32.86	26.46			1441.1								
	18.0	0BS	00125	- 1.57	32.858	26.46			1441.1								

REF ID	31	2135	YEAR	1972	BUTDP	00174	AIR TEMP	03.5	OIP	FUT PER	WIND-OIR	33	INST	NANSEN	CAS	TEN	SO	1407		
CONSEC	0002		MONTH	09	SHIP	SC	NET BULB	02.2		33	2	2	WIND-SPD	14	TRACE	OIR	5	SQUARE	2	
LAT	53	55	N	DAY	21	DATA	USE	1	BAROMETER	1018.3	SEA		WIND-FUR		DURATION		2	SQUARE	24	
LONG	055	25	W	HOUR	19.7	AREA		05	CLOUD	T/A	375	CL/TIR	WEATHER	X1	ORIG	A1	008	1	SQUARE	35

CASINLM/TIME	LVL	TYPE	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND	VEL	OXYG	PJ4	TCT	P	NO2	NO3	SI03	PH
		STO	00000	03.84	31.86	25.17	00.000	1461.7									
	19.7	0BS	00000	03.84	31.863	25.17		1461.7									
		STO	00010	03.67	31.66	25.19	00.028	1461.1									
		STO	00020	03.50	31.72	25.25	00.056	1460.7									
	19.7	0BS	00026	03.40	31.785	25.31		1460.4									
		STO	00030	02.20	31.84	25.46	00.082	1455.3									
	19.7	0BS	00048	- 1.47	32.189	25.91		1439.3									
		STO	00050	- 1.48	32.27	25.98	00.127	1439.4									
		STO	00075	- 1.58	32.97	26.54	00.172	1440.3									
	19.7	0BS	00076	- 1.58	32.980	26.56		1440.4									
	19.7	0BS	00098	- 1.58	33.055	26.62		1440.3									
		STO	00100	- 1.58	33.06	26.62	00.208	1440.9									
		STO	00125	- 1.54	33.17	26.71	00.242	1441.8									
	19.7	0BS	00148	- 1.48	33.296	26.81		1442.5									

REF ID	31	2135	YEAR	1972	BUTDP	00156	AIR TEMP	03.5	OIP	FUT PER	WIND-OIR	34	INST	NANSEN	CAS	TEN	SO	1407		
CONSEC	0003		MONTH	09	SHIP	SC	NET BULB	01.7		X	X		WIND-SPD	14	TRACE	OIR	5	SQUARE	2	
LAT	54	02	N	DAY	21	DATA	USE	1	BAROMETER	1018.7	SEA		WIND-FUR		DURATION		2	SQUARE	44	
LONG	055	10	W	HOUR	21.4	AREA		05	CLOUD	T/A	376	CL/TIR	WEATHER	X1	ORIG	A1	008	1	SQUARE	45

CASINLM/TIME	LVL	TYPE	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND	VEL	OXYG	PJ4	TCT	P	NO2	NO3	SI03	PH
		STO	00000	04.05	31.61	25.11	00.000	1462.5									
	21.4	0BS	00000	04.05	31.611	25.11		1462.5									
	21.4	0BS	00009	04.03	31.610	25.11		1462.6									
		STO	00010	03.93	31.63	25.14	00.028	1462.2									
		STO	00020	02.52	31.81	25.34	00.056	1455.3									
		STO	00030	01.89	32.05	25.64	00.080	1454.2									
	21.4	0BS	00032	01.07	32.095	25.65		1453.3									
		STO	00050	- 0.71	32.86	26.27	00.122	1443.6									
	21.4	0BS	00060	- 1.44	32.850	26.45		1440.8									
		STO	00075	- 1.50	32.91	26.50	00.163	1440.6									
	21.4	0BS	00083	- 1.52	32.944	26.52		1440.7									
		STO	00100	- 1.51	33.03	26.55	00.200	1441.2									
		STO	00125	- 1.49	33.18	26.71	00.235	1441.9									
	21.4	0BS	00134	- 1.48	33.239	26.76		1442.2									

TABLE II.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SPENCER, 21-22 September 1972, Prepared from NOIC Listing No. 31-2135.—Continued

REFID	31	2135	YEAR	1972	BUTOP	00170	AIR TEMP	03.3	DIR FGT PER	WIND-DIR	32	INST NANSEN CAST	TEN SQ 1407
CONSEC	0004		MONTH	09	SHIP SC		WET BULB	01.7	32 2 2	WIND-SPD	14	TRACE DIR	5 SQUARE 1
LAT	54	21 N	DAY	21	DATA USE	1	BAROMETR	1016.0	SEA	WIND-FUR		DURATION	2 SQUARE 44
LONG	054	57 W	HOUR	23.0	AREA	05	CLOUD T/A	3/5	CL/TR	WEATHER	X1	ORIG AL 008	1 SQUARE 44

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	UYNPTH	SND VEL	UXYG	PJ4	TOT P	NQ2	NQ3	SIO3	PH
	STD	00000	03.67	31.69	25.21	00.003	1461.0							
23.0	085	00000	03.67	31.694	25.21		1461.0							
	STD	00010	03.66	31.69	25.22	00.020	1461.1							
	STD	00020	03.65	31.69	25.22	00.055	1461.3							
23.0	085	00023	03.65	31.695	25.22		1461.3							
	STD	00030	01.57	32.10	25.75	00.080	1453.0							
23.0	085	00045	- 1.41	32.844	26.44		1440.5							
	STD	00053	- 1.40	32.86	26.46	00.114	1440.4							
23.0	085	00073	- 1.56	32.966	26.54		1440.4							
	STD	00075	- 1.56	32.98	26.55	00.157	1440.5							
23.0	085	00095	- 1.47	33.080	26.63		1441.3							
	STD	00100	- 1.43	33.11	26.65	00.193	1441.6							
	STD	00125	- 1.16	33.24	26.76	00.226	1443.5							
23.0	085	00145	- 0.83	33.357	26.84		1445.0							

REFID	31	2135	YEAR	1972	BUTOP	00183	AIR TEMP	03.3	DIR FGT PER	WIND-DIR	32	INST NANSEN CAST	TEN SQ 1407
CONSEC	0005		MONTH	09	SHIP SC		WET BULB	02.2	32 2 2	WIND-SPD	17	TRACE DIR	5 SQUARE 1
LAT	54	20 N	DAY	22	DATA USE	1	BAROMETR	1016.0	SEA	WIND-FUR		DURATION	2 SQUARE 44
LONG	054	20 W	HOUR	00.8	AREA	05	CLOUD T/A	3/6	CL/TR	WEATHER	X1	ORIG AL 008	1 SQUARE 44

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	UYNPTH	SND VEL	UXYG	PJ4	TOT P	NQ2	NQ3	SIO3	PH
	STD	00000	02.98	31.70	25.28	00.000	1458.0							
00.8	085	00000	02.98	31.702	25.28		1458.0							
	STD	00010	02.01	31.95	25.55	00.026	1454.3							
	STD	00020	01.10	32.18	25.75	00.049	1450.7							
	STD	00030	00.24	32.38	26.01	00.070	1447.3							
00.8	085	00032	00.08	32.420	26.04		1446.0							
	STD	00050	- 1.35	32.73	26.35	00.107	1440.7							
00.8	085	00052	- 1.44	32.759	26.37		1440.3							
	STD	00075	- 1.49	32.90	26.45	00.147	1440.7							
00.8	085	00077	- 1.45	32.906	26.49		1440.7							
00.8	085	00097	- 1.46	33.012	26.58		1441.3							
	STD	00100	- 1.44	33.03	26.59	00.185	1441.5							
	STD	00125	- 1.16	33.17	26.70	00.220	1443.4							
00.8	085	00142	- 0.83	33.283	26.78		1445.4							

REFID	31	2135	YEAR	1972	BUTOP	00201	AIR TEMP	02.8	DIR FGT PER	WIND-DIR	31	INST NANSEN CAST	TEN SQ 1407
CONSEC	0006		MONTH	09	SHIP SC		WET BULB	02.2	31 X X	WIND-SPD	14	TRACE DIR	5 SQUARE 1
LAT	54	25 N	DAY	22	DATA USE	1	BAROMETR	1014.0	SEA	WIND-FUR		DURATION	2 SQUARE 44
LONG	054	22 W	HOUR	02.7	AREA	05	CLOUD T/A	3/3	CL/TR	WEATHER	X1	ORIG AL 008	1 SQUARE 44

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	UYNPTH	SND VEL	UXYG	PJ4	TOT P	NQ2	NQ3	SIO3	PH
	STD	00000	02.43	31.87	25.46	00.000	1455.9							
02.7	085	00000	02.43	31.866	25.46		1455.9							
02.7	085	00005	02.41	31.875	25.46		1455.9							
	STD	00010	02.33	31.93	25.51	00.025	1455.7							
	STD	00020	01.97	32.04	25.63	00.049	1454.4							
02.7	085	00027	01.55	32.115	25.72		1452.8							
	STD	00030	01.08	32.14	25.77	00.072	1450.7							
	STD	00050	- 1.11	32.39	26.06	00.114	1441.3							
02.7	085	00054	- 1.35	32.454	26.12		1440.4							
	STD	00075	- 1.44	32.91	26.50	00.158	1440.9							
02.9	085	00076	- 1.44	32.927	26.51		1441.0							
	STD	00100	- 1.10	33.03	26.55	00.195	1443.1							
	STD	00125	- 0.83	33.17	26.68	00.231	1445.0							
02.9	085	00126	- 0.82	33.171	26.69		1445.0							
	STD	00150	- 0.64	33.32	26.80	00.263	1446.5							
02.9	085	00175	- 0.53	33.448	26.93		1447.6							

TABLE II.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SPENCER, 21-22 September 1972, Prepared from NODC Listing No. 31-2135.—Continued

REFID 31 2135	YEAR 1972	BOTDP 00238	AIR TEMP 05.6	DIR HGT PER	WIND-DIR 33	INST NANSEN CAST	TEN SQ 1407
CUNSEC 0007	MONTH 09	SHIP SC	WET BULB 05.0	33 2 2	WIND-SPD 10	TRACE DIR	5 SQUARE 1
LAT 54 31 N	DAY 22	DATA USE 1	BAROMETR 1012.3	SEA	WIND-FUR	DURATION	2 SQUARE 44
LONG 054 05 W	HOUR 05.2	AREA 05	CLOUD T/A 3/3	CL/TR	WEATHER XL	GRIG A1 008	1 SQUARE 44

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNUPHT	SND VEL	JXYG	P34	TOT P	N02	N03	S103	PH
	STD	00000	00.86	32.55	26.11	00.000	1449.9							
05.2	08S	00000	00.86	32.554	26.11		1449.9							
	STD	00010	00.66	32.56	26.16	00.019	1446.3							
	STD	00020	- 0.60	32.56	26.15	00.037	1443.5							
	STD	00030	- 1.08	32.56	26.21	00.056	1441.4							
05.2	08S	00040	- 1.40	32.566	26.22		1440.0							
	STD	00050	- 1.46	32.66	26.31	00.091	1440.1							
05.2	08S	00062	- 1.50	32.784	26.35		1440.2							
	STD	00075	- 1.49	32.66	26.46	00.132	1440.6							
05.2	08S	00088	- 1.49	32.939	26.52		1440.9							
	STD	00100	- 1.42	33.00	26.57	00.170	1441.5							
05.2	08S	00111	- 1.37	33.054	26.61		1442.0							
	STD	00125	- 1.33	33.13	26.67	00.206	1442.6							
	STD	00150	- 1.25	33.27	26.78	00.239	1443.6							
05.2	08S	00159	- 1.22	33.322	26.82		1443.9							
	STD	00200	- 0.59	33.59	27.01	00.297	1447.9							
05.2	08S	T00206	- 0.41	33.643	27.05		1449.0							

REFID 31 2135	YEAR 1972	BOTDP 00293	AIR TEMP 05.6	DIR HGT PER	WIND-DIR 33	INST NANSEN CAST	TEN SQ 1407
CUNSEC 0008	MONTH 09	SHIP SC	WET BULB 04.4	33 2 2	WIND-SPD 10	TRACE DIR	5 SQUARE 1
LAT 54 40 N	DAY 22	DATA USE 1	BAROMETR 1011.3	SEA	WIND-FUR	DURATION	2 SQUARE 42
LONG 053 54 W	HOUR 07.0	AREA 05	CLOUD T/A 3/5	CL/TR	WEATHER XL	GRIG A1 008	1 SQUARE 43

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNUPHT	SND VEL	JXYG	P34	TOT P	N02	N03	S103	PH
	STD	00000	00.88	32.83	26.34	00.000	1450.3							
07.0	08S	00000	00.88	32.834	26.34		1450.3							
	STD	00010	01.23	32.84	26.32	00.017	1452.0							
	STD	00020	01.57	32.87	26.32	00.034	1453.3							
	STD	00030	01.92	32.92	26.34	00.051	1455.5							
07.0	08S	00037	02.16	32.976	26.36		1456.8							
	STD	00050	01.49	33.15	26.55	00.083	1454.3							
07.0	08S	00061	00.85	33.251	26.67		1451.7							
	STD	00075	- 0.37	33.28	26.76	00.118	1446.4							
07.0	08S	00089	- 1.04	33.334	26.83		1443.6							
	STD	00100	- 1.02	33.41	26.88	00.149	1444.0							
07.0	08S	00112	- 0.96	33.481	26.94		1444.6							
	STD	00125	- 0.83	33.53	26.98	00.177	1445.5							
	STD	00150	- 0.50	33.65	27.06	00.203	1447.6							
07.0	08S	00164	- 0.27	33.722	27.11		1449.0							
	STD	00200	00.37	33.91	27.23	00.249	1452.8							
07.0	08S	T00215	00.81	34.026	27.30		1455.2							
	STD	00250	02.25	34.37	27.47	00.286	1462.6							
07.0	08S	T00267	03.16	34.576	27.55		1467.1							

REFID 31 2135	YEAR 1972	BOTDP 00340	AIR TEMP 03.5	DIR HGT PER	WIND-DIR 33	INST NANSEN CAST	TEN SQ 1407
CUNSEC 0009	MONTH 09	SHIP SC	WET BULB 03.3	33 3 2	WIND-SPD 10	TRACE DIR	5 SQUARE 1
LAT 54 56 N	DAY 22	DATA USE 1	BAROMETR 1009.7	SEA	WIND-FUR	DURATION	2 SQUARE 42
LONG 053 41 W	HOUR 10.1	AREA 05	CLOUD T/A 4/6	CL/TR	WEATHER XL	GRIG A1 008	1 SQUARE 43

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNUPHT	SND VEL	JXYG	P34	TOT P	N02	N03	S103	PH
	STD	00000	03.19	33.26	26.50	00.000	1461.1							
10.1	08S	00000	03.19	33.261	26.50		1461.1							
	STD	00010	03.19	33.27	26.51	00.015	1461.2							
	STD	00020	03.19	33.28	26.52	00.031	1461.4							
10.1	08S	00025	03.19	33.283	26.52		1461.5							
	STD	00030	03.06	33.36	26.60	00.046	1461.2							
	STD	00050	02.66	33.62	26.84	00.072	1460.1							
10.1	08S	00051	02.64	33.631	26.85		1460.0							
	STD	00075	00.51	33.78	27.12	00.106	1451.2							
10.1	08S	00077	00.43	33.792	27.13		1450.8							
	STD	00100	00.56	33.92	27.23	00.122	1452.1							
10.1	08S	00102	00.60	33.937	27.24		1452.2							
	STD	00125	01.09	34.08	27.33	00.142	1455.0							
	STD	00150	01.69	34.25	27.41	00.160	1458.3							
10.1	08S	00152	01.74	34.258	27.42		1458.6							
	STD	00200	03.70	34.58	27.55	00.191	1466.2							
10.1	08S	T00209	03.41	34.627	27.57		1467.3							
	STD	00250	04.00	34.77	27.62	00.216	1470.9							
10.1	08S	00260	04.16	34.791	27.62		1471.5							
	STD	00300	04.25	34.84	27.65	00.243	1472.8							
10.1	08S	T00311	04.31	34.850	27.66		1473.1							
	STD	00400	04.31	34.89	27.68	00.290	1474.0							
10.1	08S	00412	04.31	34.890	27.69		1474.3							
	STD	00500	04.28	34.90	27.70	00.336	1476.1							
	STD	00600	04.21	34.91	27.71	00.381	1477.5							
10.1	08S	T00621	04.19	34.904	27.72		1477.8							
	STD	00700	04.11	34.91	27.73	00.426	1478.8							
	STD	00800	03.58	34.92	27.75	00.470	1479.4							
10.1	08S	00827	03.94	34.921	27.75		1480.2							

TABLE II.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SPENCER, 21-22 September 1972, Prepared from NOIC Listing No. 31-2135.—Continued

REFID 31 2135	YEAR 1972	BOTUP 01647	AIR TEMP 03.3	DIR HT PER	WIND-DIR 33	INST NANSEN CAST	TEN SQ 1407
CONSEC 0010	MONTH 09	SHIP SC	WET BULB 01.6	12 3 3	WIND-SPD 10	TRACE DIR	5 SQUARE 1
LAT 54 59 N	DAY 22	DATA USE 1	BAROMETR 1008.0	SEA	WIND-FLR	DURATION	2 SQUARE 42
LONG 053 22 W	HOUR 13.0	AREA 05	CLCUD T/A 6/3	CL/TR	WEATHER X1	ORIG A1 008	1 SQUARE 43

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	PJ4	TOT P	NO2	NO3	SIU3	PH
	STD	00000	04.23	33.41	26.52	00.000	1465.7							
	DBS	00000	04.23	33.410	26.52		1465.7							
	STD	00010	04.24	33.41	26.52	00.015	1465.9							
13.0	DBS	00010	04.24	33.410	26.52		1466.0							
	STD	00020	04.24	33.41	26.52	00.030	1466.1							
	STD	00030	04.24	33.41	26.52	00.040	1466.2							
13.0	DBS	00037	04.24	33.407	26.52		1466.3							
	STD	00050	02.28	33.65	26.85	00.073	1468.5							
13.0	DBS	00060	01.42	33.826	27.10		1455.1							
	STD	00075	01.37	34.07	27.30	00.097	1455.5							
13.0	DBS	00080	01.36	34.145	27.45		1455.7							
	STD	00100	02.06	34.32	27.45	00.115	1459.3							
13.0	DBS	00123	02.82	34.500	27.52		1463.2							
	STD	00125	02.90	34.51	27.53	00.130	1463.6							
	STD	00150	03.67	34.67	27.58	00.144	1467.5							
13.0	DBS	T00100	04.00	34.737	27.60		1469.2							
	STD	00200	04.15	34.80	27.63	00.170	1470.7							
13.0	DBS	00210	04.27	34.813	27.64		1471.0							
	STD	00250	04.26	34.85	27.66	00.194	1471.3							
13.0	DBS	T00254	04.20	34.854	27.66		1471.9							
	STD	00300	04.30	34.88	27.68	00.217	1472.4							
13.0	DBS	00342	04.31	34.998	27.65		1473.7							
	STD	00400	04.25	34.90	27.70	00.262	1474.4							
	STD	00500	04.16	34.90	27.71	00.306	1475.4							
13.0	DBS	T00518	04.15	34.898	27.71		1475.4							
	STD	00600	04.10	34.90	27.72	00.351	1477.1							
	STD	00700	04.03	34.90	27.72	00.396	1478.4							
13.0	DBS	T00701	04.03	34.858	27.72		1478.4							
	STD	00800	03.93	34.90	27.74	00.441	1479.7							
13.0	DBS	T00881	03.86	34.903	27.75		1480.7							
13.0	DBS	T01348	03.74	34.929	27.76		1488.1							

REFID 31 2135	YEAR 1972	BOTUP 02460	AIR TEMP 01.6	DIR HT PER	WIND-DIR 17	INST NANSEN CAST	TEN SQ 1407
CONSEC 0011	MONTH 09	SHIP SC	WET BULB 01.7	34 3 2	WIND-SPD 10	TRACE DIR	5 SQUARE 3
LAT 55 06 N	DAY 22	DATA USE 1	BAROMETR 1004.6	SEA	WIND-FLR	DURATION	2 SQUARE 42
LONG 053 13 W	HOUR 16.1	AREA 05	CLCUD T/A 6/3	CL/TR	WEATHER X2	ORIG A1 008	1 SQUARE 53

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	PJ4	TOT P	NO2	NO3	SIU3	PH
	STD	00000	04.53	33.61	26.60	00.000	1468.9							
	DBS	00000	04.53	33.607	26.60		1468.9							
	STD	00010	04.92	33.64	26.63	00.014	1469.1							
	STD	00020	04.92	33.67	26.66	00.028	1469.2							
	STD	00030	04.91	33.69	26.67	00.042	1469.4							
16.1	DBS	00033	04.91	33.694	26.67		1469.4							
	STD	00050	04.71	33.71	26.71	00.070	1468.3							
16.1	DBS	00055	04.47	33.712	26.74		1468.3							
	STD	00075	01.75	34.06	27.26	00.097	1457.1							
16.1	DBS	00085	01.39	34.228	27.42		1455.9							
	STD	00100	02.72	34.50	27.53	00.114	1462.4							
16.1	DBS	00110	03.40	34.640	27.58		1465.6							
	STD	00125	03.64	34.70	27.60	00.128	1467.0							
	STD	00150	03.96	34.77	27.63	00.140	1468.8							
16.1	DBS	00165	04.10	34.803	27.64		1469.7							
	STD	00200	04.30	34.85	27.66	00.164	1471.2							
16.1	DBS	T00220	04.33	34.955	27.68		1471.7							

TABLE III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31-8263.

REFID 31 8263	YEAR 1971	BOTUP 00145	AIR TEMP 02.2	OIR HGT PER	WIND-OIR 21	INST STO RECORDER	TEN SQ 1306
CONSEC 0001	MONTH 03	SHIP 31	WET BULB 01.8	21 2 3	WIND-SPD 23	TRACE OIR 0	5 SQUARE 4
LAT 47 00 N	DAY 18	ATA USE 1	BAROMETR 1010.5	SEA	WIND-FIR	DURATION 00.1	2 SQUARE 68
LONG 048 00 W	HOOR 05.0	REA 05	CLOUD T/A	CL/TK	WEATHER 44	ORIG A2 043	1 SQUARE 78

CASTNUM/TIM	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SPD VEL	OXYG	PJ4	TOT P	NO2	NO3	SI03	PH
05.0	STO	00000	- 1.05	32.97	26.53	00.000	1441.0							
	UBS	00000	- 1.05	32.97	26.53		1441.6							
	STO	00010	- 1.06	32.97	26.53	00.015	1441.7							
	UBS	00010	- 1.06	32.97	26.53		1441.7							
	STO	00020	- 1.07	32.98	26.54	00.030	1441.9							
	UBS	00020	- 1.07	32.98	26.54		1441.9							
	STO	00030	- 1.08	32.97	26.53	00.045	1442.0							
	UBS	00030	- 1.08	32.97	26.53		1442.0							
	STO	00050	- 1.10	32.99	26.55	00.075	1442.2							
	UBS	00050	- 1.10	32.99	26.55		1442.2							
	STO	00075	- 0.62	33.17	26.68	00.110	1445.1							
	UBS	00075	- 0.62	33.17	26.68		1445.1							
	STO	00079	- 0.74	33.23	26.73		1444.7							
	UBS	00079	- 0.74	33.23	26.73		1444.7							
	STO	00100	- 0.28	33.44	26.88	00.142	1447.5							
	UBS	00100	- 0.28	33.44	26.88		1447.5							
	STO	00110	- 0.05	33.49	26.91		1446.8							
	UBS	00110	- 0.05	33.49	26.91		1446.8							
	STO	00122	00.15	33.60	26.99		1450.0							

REFID 31 8263	YEAR 1971	BOTUP 00179	AIR TEMP 02.2	OIR HGT PER	WIND-OIR 21	INST STO RECORDER	TEN SQ 1306
CONSEC 0002	MONTH 03	SHIP 31	WET BULB 01.8	21 4 3	WIND-SPD 25	TRACE OIR 0	5 SQUARE 4
LAT 47 00 N	DAY 18	DATA USE 1	BAROMETR 1010.5	SEA	WIND-FIR	DURATION 00.0	2 SQUARE 66
LONG 047 44 W	HOOR 07.5	AREA 05	CLOUD T/A	CL/TK	WEATHER 44	ORIG A2 043	1 SQUARE 77

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SPD VEL	OXYG	PJ4	TOT P	NO2	NO3	SI03	PH
07.5	STO	00000	- 0.95	32.99	26.55	00.000	1442.1							
	UBS	00000	- 0.95	32.99	26.55		1442.1							
	STO	00010	- 0.95	33.00	26.55	00.014	1442.3							
	UBS	00010	- 0.95	33.00	26.55		1442.3							
	STO	00020	- 0.95	33.00	26.55	00.029	1442.4							
	UBS	00020	- 0.95	33.00	26.55		1442.4							
	STO	00030	- 0.94	33.00	26.55	00.044	1442.7							
	UBS	00030	- 0.94	33.00	26.55		1442.7							
	STO	00050	- 1.02	33.01	26.56	00.074	1442.6							
	UBS	00050	- 1.02	33.01	26.56		1442.6							
	STO	00055	- 0.84	33.07	26.61		1443.0							
	UBS	00055	- 0.84	33.07	26.61		1443.0							
	STO	00060	- 0.97	33.15	26.68		1443.2							
	UBS	00060	- 0.97	33.15	26.68		1443.2							
	STO	00075	- 0.78	33.17	26.68		1444.2							
	UBS	00075	- 0.78	33.17	26.68		1444.2							
	STO	00079	- 0.87	33.17	26.69		1443.9							
	UBS	00079	- 0.87	33.17	26.69		1443.9							
	STO	00075	- 1.11	33.21	26.73	00.109	1442.9							
	UBS	00075	- 1.11	33.21	26.73		1442.9							
	STO	00093	- 0.20	33.28	26.75		1447.5							
	UBS	00093	- 0.20	33.28	26.75		1447.5							
	STO	00095	- 0.44	33.52	26.95		1446.8							
	UBS	00095	- 0.44	33.52	26.95		1446.8							
	STO	00100	- 0.14	33.50	26.92	00.140	1448.2							
	UBS	00100	- 0.14	33.50	26.92		1448.2							
	STO	00125	00.36	33.63	27.00	00.167	1451.1							
	UBS	00125	00.36	33.63	27.00		1451.1							
	STO	00150	00.49	33.68	27.04	00.193	1452.1							
	UBS	00150	00.49	33.68	27.04		1452.1							

REFID 31 8263	YEAR 1971	BOTUP 00220	AIR TEMP	OIR HGT PER	WIND-OIR 21	INST STO RECORDER	TEN SQ 1306
CONSEC 0003	MONTH 03	SHIP 31	WET BULB	21 3 2	WIND-SPD 19	TRACE OIR 0	5 SQUARE 4
LAT 47 00 N	DAY 18	DATA USE 1	BAROMETR 1010.6	SEA	WIND-FIR	DURATION 00.2	2 SQUARE 60
LONG 047 30 W	HOOR 08.5	AREA 05	CLOUD T/A	CL/TK	WEATHER 44	ORIG A2 043	1 SQUARE 77

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SPD VEL	OXYG	PJ4	TOT P	NO2	NO3	SI03	PH
08.5	STO	00000	- 0.98	32.99	26.55	00.000	1442.0							
	UBS	00000	- 0.98	32.99	26.55		1442.0							
	STO	00010	- 0.98	32.99	26.55	00.015	1442.1							
	UBS	00010	- 0.98	32.99	26.55		1442.1							
	STO	00020	- 0.96	33.00	26.55	00.029	1442.3							
	UBS	00020	- 0.96	33.00	26.55		1442.3							
	STO	00030	- 1.03	33.01	26.56	00.044	1442.2							
	UBS	00030	- 1.03	33.01	26.56		1442.2							
	STO	00050	- 1.30	33.10	26.64	00.073	1441.4							
	UBS	00050	- 1.30	33.10	26.64		1441.4							
	STO	00065	- 1.26	33.12	26.66		1441.9							
	UBS	00065	- 1.26	33.12	26.66		1441.9							
	STO	00075	- 0.67	33.29	26.78	00.107	1445.1							
	UBS	00075	- 0.67	33.29	26.78		1445.1							
	STO	00085	- 1.63	33.32	26.83		1440.8							
	UBS	00085	- 1.63	33.32	26.83		1440.8							
	STO	00100	- 0.95	33.46	26.93	00.137	1444.4							
	UBS	00100	- 0.95	33.46	26.93		1444.4							
	STO	00125	01.01	33.62	26.96	00.165	1454.0							
	UBS	00125	01.01	33.62	26.96		1454.0							
	STO	00150	01.02	33.87	27.16	00.190	1454.8							
	UBS	00150	01.02	33.87	27.16		1454.8							
	STO	00180	01.11	33.94	27.21		1455.8							

TABLE III.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31-8263.—Continued

REF ID	31 8263	YEAR	1971	BOTOM	00365	AIR TEMP	01.0	DIR	HGT	PER	WIND-DIR	21	INST	STU	RECORDER	TEN	SQ	1306	
CUNSEC	0004	MONTH	03	SHIP	3L	WET	BULB	01.4	21	2	2	WIND-SPD	14	TRACE	DIR	0	5	SQUARE	4
LAT	46 58 N	DAY	18	DATA	USE	1	BAROMETR	1010.6	SEA			WIND-FUR		DURATION	00.1	2	SQUARE	66	
LONG	047 11 W	HOUR	10.2	AREA		05	CLOUD	T/A	CL/TR			WEATHER	X4	U10	A2	043	1	SQUARE	67

CASSTNGP/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	UXYG	PJ4	TUT P	N02	N03	S103	PH
10.2	STD	00000	- 1.36	33.08	26.63	00.000	1440.3							
	UBS	00000	- 1.36	33.08	26.63		1440.3							
	STD	00010	- 1.37	33.08	26.63	00.014	1440.4							
	UBS	00010	- 1.37	33.08	26.63		1440.4							
	STD	00020	- 1.37	33.08	26.63	00.028	1440.6							
	UBS	00020	- 1.37	33.08	26.63		1440.6							
	STD	00030	- 1.37	33.08	26.63	00.042	1440.7							
	UBS	00030	- 1.37	33.08	26.63		1440.7							
	UBS	00038	- 1.54	33.19	26.72		1440.2							
	STD	00050	- 1.50	33.25	26.77	00.069	1440.7							
	UBS	00050	- 1.50	33.25	26.77		1440.7							
	UBS	00060	- 1.34	33.35	26.85		1441.8							
	UBS	00065	- 0.21	33.41	26.86		1447.2							
	UBS	00070	- 0.34	33.47	26.91		1446.8							
	UBS	00071	- 0.20	33.48	26.91		1447.4							
	STD	00075	- 0.29	33.47	26.91	00.099	1447.1							
	UBS	00075	- 0.29	33.47	26.91		1447.1							
	UBS	00080	- 0.44	33.46	26.91		1446.4							
	UBS	00085	00.15	33.53	26.93		1449.3							
	UBS	00090	- 0.01	33.63	27.02		1448.8							
	STD	00100	00.56	33.69	27.04	00.127	1451.7							
	UBS	00100	00.56	33.69	27.04		1451.7							
	UBS	00108	- 0.25	33.63	27.03		1448.0							
	STD	00125	00.61	33.81	27.13	00.151	1452.5							
	UBS	00125	00.61	33.81	27.13		1452.5							
	STD	00150	01.11	33.92	27.19	00.174	1455.3							
	UBS	00150	01.11	33.92	27.19		1455.3							
	STD	00200	01.94	34.26	27.41	00.214	1460.3							
	UBS	00200	01.94	34.26	27.41		1460.3							
	UBS	00230	03.11	34.58	27.56		1466.3							
	STD	00250	03.29	34.61	27.57	00.244	1467.4							
	UBS	00250	03.29	34.61	27.57		1467.4							
	STD	00300	03.72	34.70	27.60	00.271	1470.2							
	UBS	00300	03.72	34.70	27.60		1470.2							
	UBS	00310	03.82	34.73	27.61		1470.8							

REF ID	31 8263	YEAR	1971	BOTOM	01090	AIR TEMP	02.0	DIR	HGT	PER	WIND-DIR	21	INST	STU	RECORDER	TEN	SQ	1306	
CUNSEC	0005	MONTH	03	SHIP	3L	WET	BULB	01.6	21	2	2	WIND-SPD	15	TRACE	DIR	0	5	SQUARE	4
LAT	47 00 N	DAY	18	DATA	USE	1	BAROMETR		SEA			WIND-FUR		DURATION	00.3	2	SQUARE	66	
LONG	046 52 W	HOUR	11.7	AREA		05	CLOUD	T/A	CL/TR			WEATHER	X4	GRIG	A2	043	1	SQUARE	76

CASSTNGP/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	UXYG	PJ4	TUT P	N02	N03	S103	PH
11.7	STD	00000	- 1.34	33.24	26.76	00.000	1440.6							
	UBS	00000	- 1.34	33.24	26.76		1440.6							
	STD	00010	- 1.34	33.24	26.76	00.012	1440.8							
	UBS	00010	- 1.34	33.24	26.76		1440.8							
	STD	00020	- 1.34	33.24	26.76	00.025	1440.9							
	UBS	00020	- 1.34	33.24	26.76		1440.9							
	STD	00030	- 1.36	33.24	26.76	00.038	1441.0							
	UBS	00030	- 1.36	33.24	26.76		1441.0							
	UBS	00040	- 1.40	33.29	26.80		1441.1							
	STD	00050	- 1.09	33.40	26.88	00.063	1442.8							
	UBS	00050	- 1.09	33.40	26.88		1442.8							
	UBS	00065	- 1.50	33.49	26.97		1440.9							
	STD	00075	- 0.21	33.54	27.00	00.091	1447.6							
	UBS	00075	- 0.21	33.54	27.00		1447.6							
	STD	00100	00.63	33.81	27.13	00.110	1452.2							
	UBS	00100	00.63	33.81	27.13		1452.2							
	UBS	00110	00.93	33.85	27.15		1453.7							
	UBS	00115	00.66	34.01	27.29		1452.3							
	STD	00125	01.41	34.14	27.35	00.137	1456.5							
	UBS	00125	01.41	34.14	27.35		1456.5							
	STD	00150	01.96	34.23	27.38	00.155	1459.5							
	UBS	00150	01.96	34.23	27.38		1459.5							
	STD	00200	03.24	34.62	27.56	00.180	1466.4							
	UBS	00200	03.24	34.62	27.56		1466.4							
	STD	00250	03.79	34.70	27.59	00.213	1469.7							
	UBS	00250	03.79	34.70	27.59		1469.7							
	STD	00300	03.90	34.73	27.60	00.239	1471.0							
	UBS	00300	03.90	34.73	27.60		1471.0							
	STD	00400	04.35	34.83	27.63	00.291	1474.7							
	UBS	00400	04.35	34.83	27.63		1474.7							
	STD	00500	04.56	34.89	27.66	00.341	1477.3							
	UBS	00500	04.56	34.89	27.66		1477.3							
	STD	00600	04.54	34.91	27.68	00.390	1478.9							
	UBS	00600	04.54	34.91	27.68		1478.9							
	STD	00700	04.47	34.92	27.69	00.439	1480.3							
	UBS	00700	04.47	34.92	27.69		1480.3							
	STD	00800	04.33	34.92	27.71	00.487	1481.4							
	UBS	00800	04.33	34.92	27.71		1481.4							
	STD	00900	04.26	34.92	27.72	00.535	1482.7							
	UBS	00900	04.26	34.92	27.72		1482.7							
	STD	01000	04.24	34.92	27.72	00.584	1484.3							
	UBS	01000	04.24	34.92	27.72		1484.3							
	UBS	01032	04.23	34.92	27.72		1484.3							

TABLE III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31-S263.—Continued

REFID	31	8263	YEAR	1971	BOATP	01189	AIR TEMP	04.1	DIR HGT PER	WIND-DIR	14	INST STD RECORDER	TEN SQ	1376
CONSEC		0006	MONTH	03	SHIP	3L	WET BULB	03.4	19 2 2	WIND-SPO	23	TRACE DIR		5 SQUARE 4
LAT	47	00	N	DAY	18	DATA USE	1	BAROMETR	1010.7	SEA		DURATION	00.3	2 SQUARE 66
LJNG	046	40	W	HOUR	15.3	AREA	05	CLOUD T/A		CL/TH		WEATHER	X4	1 SQUARE 76

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	UNYDPH	SND VEL	DXTG	PJ4	TOT P	NO2	NO3	SIG3	PH
15.3	STD	00000	- 1.10	33.30	26.80	00.300	1441.8							
	DBS	00000	- 1.10	33.30	26.80		1441.8							
	STD	00010	- 1.10	33.30	26.80	00.012	1442.0							
	DBS	00010	- 1.10	33.30	26.80		1442.0							
	STD	00020	- 1.10	33.31	26.81	00.025	1442.2							
	DBS	00020	- 1.10	33.31	26.81		1442.2							
	STD	00030	- 1.09	33.33	26.82	00.037	1442.4							
	DBS	00030	- 1.09	33.33	26.82		1442.4							
	STD	00050	- 0.44	33.71	27.11	00.054	1446.3							
	DBS	00050	- 0.44	33.71	27.11		1446.3							
	STD	00075	00.76	33.97	27.25	00.081	1452.6							
	DBS	00075	00.76	33.97	27.25		1452.6							
	STD	00100	01.36	34.06	27.30	00.101	1455.8							
	DBS	00100	01.36	34.08	27.30		1455.8							
	STD	00125	02.41	34.38	27.46	00.119	1461.3							
	DBS	00125	02.41	34.38	27.46		1461.3							
	STD	00150	03.16	34.53	27.52	00.134	1465.1							
	DBS	00150	03.16	34.53	27.52		1465.1							
	STD	00200	03.91	34.73	27.60	00.162	1469.4							
	DBS	00200	03.91	34.73	27.60		1469.4							
	STD	00250	04.15	34.79	27.63	00.187	1471.3							
	DBS	00250	04.15	34.79	27.63		1471.3							
	STD	00300	04.36	34.86	27.66	00.212	1473.1							
	DBS	00300	04.36	34.86	27.66		1473.1							
	STD	00400	04.56	34.92	27.68	00.259	1475.7							
	DBS	00400	04.56	34.92	27.68		1475.7							
	STD	00500	04.50	34.93	27.70	00.305	1477.1							
	DBS	00500	04.50	34.93	27.70		1477.1							
	STD	00600	04.40	34.94	27.72	00.350	1478.4							
	DBS	00600	04.40	34.94	27.72		1478.4							
	STD	00700	04.23	34.93	27.73	00.396	1479.3							
	DBS	00700	04.23	34.93	27.73		1479.3							
	STD	00800	04.12	34.93	27.74	00.440	1480.5							
	DBS	00800	04.12	34.93	27.74		1480.5							
	STD	00900	04.01	34.93	27.75	00.485	1481.7							
	DBS	00900	04.01	34.93	27.75		1481.7							
	STD	01000	03.91	34.92	27.75	00.529	1482.9							
	DBS	01000	03.91	34.92	27.75		1482.9							
	STD	01100	03.80	34.92	27.76	00.574	1484.1							
	DBS	01100	03.80	34.92	27.76		1484.1							

REFID	31	8263	YEAR	1971	BOATP	03730	AIR TEMP	03.9	DIR HGT PER	WIND-DIR	14	INST STD RECORDER	TEN SQ	1306
CONSEC		0007	MONTH	03	SHIP	3L	WET BULB	03.3	18 2 2	WIND-SPO	23	TRACE DIR		5 SQUARE 4
LAT	47	00	N	DAY	18	DATA USE	1	BAROMETR	1009.0	SEA		DURATION	00.4	2 SQUARE 66
LJNG	046	31	W	HOUR	18.3	AREA	05	CLOUD T/A		CL/TH		WEATHER	X4	1 SQUARE 76

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	UNYDPH	SND VEL	DXTG	PJ4	TOT P	NO2	NO3	SIG3	PH
18.3	STD	00000	- 0.27	33.51	26.94	00.000	1446.0							
	DBS	00000	- 0.27	33.51	26.94		1446.0							
	STD	00010	- 0.27	33.53	26.95	00.011	1446.2							
	DBS	00010	- 0.27	33.53	26.95		1446.2							
	STD	00020	00.59	33.69	27.04	00.021	1450.5							
	DBS	00020	00.59	33.69	27.04		1450.5							
	STD	00030	00.81	33.77	27.09	00.031	1451.8							
	DBS	00030	00.81	33.77	27.09		1451.8							
	STD	00050	02.01	33.96	27.16	00.050	1457.7							
	DBS	00050	02.01	33.96	27.16		1457.7							
	STD	00075	02.66	34.22	27.32	00.072	1461.3							
	DBS	00075	02.66	34.22	27.32		1461.3							
	STD	00085	03.06	34.30	27.34		1463.3							
	DBS	00085	02.50	34.26	27.36		1461.1							
	STD	00100	02.76	34.28	27.35	00.090	1462.2							
	DBS	00100	02.76	34.28	27.35		1462.2							
	STD	00125	03.51	34.54	27.49	00.107	1466.2							
	DBS	00125	03.51	34.54	27.49		1466.2							
	STD	00150	03.92	34.70	27.58	00.122	1468.6							
	DBS	00150	03.92	34.70	27.58		1468.6							
	STD	00200	04.33	34.83	27.64	00.147	1471.3							
	DBS	00200	04.33	34.83	27.64		1471.3							
	STD	00250	04.45	34.87	27.66	00.171	1472.7							
	DBS	00250	04.45	34.87	27.66		1472.7							
	STD	00300	04.56	34.92	27.68	00.194	1474.0							
	DBS	00300	04.56	34.92	27.68		1474.0							
	STD	00400	04.45	34.93	27.70	00.234	1475.2							
	DBS	00400	04.45	34.93	27.70		1475.2							
	STD	00500	04.25	34.93	27.73	00.283	1476.1							
	DBS	00500	04.25	34.93	27.73		1476.1							
	STD	00600	04.12	34.93	27.74	00.326	1477.2							
	DBS	00600	04.12	34.93	27.74		1477.2							
	STD	00680	04.05	34.93	27.75		1476.2							

TABLE III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31-8263.—Continued

REFID 31 8263	YEAR 1971	BOTOP 00330	AIR TEMP 04.3	OIR HGT PER	WIND-OIR 13	INST STO RECORDER	TEN SQ 1306
CONSEC 0008	MONTH 03	SHIP 3L	WET BULB 04.0	16 2 3	WIND-SPO 22	TRACE OIR 0	5 SQUARE 4
LAT 47 00 N	DAY 18	DATA USE 1	BAROMETR 1006.8	SEA	WIND-FUR	DURATION 00.2	2 SQUARE 66
LONG 046 10 W	HOOR 20.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	DRIG A2 043	1 SQUARE 76

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PJ4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	01.63	33.75	27.02	00.003	1454.9							
20.5	OBS	00000	01.63	33.75	27.02		1454.9							
	STD	00010	01.63	33.75	27.02	00.010	1455.1							
	OBS	00010	01.63	33.75	27.02		1455.1							
	STD	00020	01.65	33.75	27.02	00.021	1455.3							
	OBS	00020	01.65	33.75	27.02		1455.3							
	STD	00030	01.60	33.73	27.01	00.031	1455.2							
	OBS	00030	01.60	33.73	27.01		1455.2							
	STD	00050	01.46	33.75	27.03	00.052	1455.0							
	OBS	00050	01.46	33.75	27.03		1455.0							
	OBS	00060	01.13	33.76	27.06		1453.7							
	STD	00075	01.76	34.05	27.25	00.075	1457.1							
	OBS	00075	01.76	34.05	27.25		1457.1							

REFID 31 8263	YEAR 1971	BOTOP 00280	AIR TEMP 07.0	OIR HGT PER	WIND-OIR 14	INST NANSEN CAST	TEN SQ 1306
CONSEC 0009	MONTH 03	SHIP 3L	WET BULB 06.7	14 2 3	WIND-SPO 25	TRACE OIR	5 SQUARE 4
LAT 47 02 N	DAY 19	DATA USE 1	BAROMETR 1003.5	SEA	WIND-FUR	DURATION	2 SQUARE 64
LONG 045 45 W	HOOR 00.0	AREA 05	CLOUD T/A 5/8	CL/TR	WEATHER X6	DRIG A2 043	1 SQUARE 75

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PJ4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	02.65	33.78	26.97	00.000	1459.4							
00.0	OBS	00000	02.65	33.783	26.97		1459.4							
	STD	00010	02.52	33.77	26.97	00.011	1459.0							
	STD	00020	02.39	33.76	26.97	00.022	1458.6							
00.0	OBS	00024	02.33	33.752	26.97		1458.4							
	STD	00030	02.23	33.76	26.95	00.032	1450.1							
00.0	OBS	00045	02.03	33.787	27.02		1457.5							
	STD	00050	01.99	33.80	27.03	00.054	1457.4							
00.0	OBS	00069	01.88	33.827	27.06		1457.3							
	STD	00075	01.86	33.83	27.07	00.079	1457.3							
00.0	OBS	00090	01.81	33.833	27.07		1457.3							
	STD	00100	01.74	33.87	27.11	00.104	1457.4							
	STD	00125	01.69	33.97	27.19	00.127	1457.5							
00.0	OBS	00134	01.66	34.009	27.23		1457.6							
	STD	00150	02.27	34.19	27.33	00.148	1460.8							
00.0	OBS	T00179	04.26	34.697	27.54		1470.5							

REFID 31 8263	YEAR 1971	BOTOP 00290	AIR TEMP 06.6	OIR HGT PER	WIND-OIR 13	INST STO RECORDER	TEN SQ 1306
CONSEC 0010	MONTH 03	SHIP 3L	WET BULB 06.8	18 5 3	WIND-SPO 25	TRACE OIR 0	5 SQUARE 4
LAT 47 20 N	DAY 19	DATA USE 1	BAROMETR 0999.4	SEA	WIND-FUR	DURATION 00.1	2 SQUARE 64
LONG 045 50 W	HOOR 04.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	DRIG A2 043	1 SQUARE 75

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	PJ4	TOT P	NO2	NO3	SIO3	PH
04.7	STD	00000	01.98	33.83	27.06	00.000	1456.6							
	OBS	00000	01.93	33.83	27.06		1456.6							
	STD	00010	01.47	33.83	27.06	00.010	1456.7							
	OBS	00010	01.97	33.83	27.06		1456.7							
	STD	00020	01.47	33.85	27.08	00.020	1456.4							
	OBS	00020	01.97	33.85	27.08		1456.4							
	STD	00030	02.10	33.81	27.11	00.029	1457.7							
	OBS	00030	02.10	33.91	27.11		1457.7							
	STD	00050	02.16	33.94	27.13	00.049	1458.3							
	OBS	00050	02.16	33.94	27.13		1458.3							
	OBS	00070	01.26	34.04	27.24		1454.9							
	STD	00075	02.51	34.24	27.34	00.073	1460.7							
	OBS	00075	02.51	34.24	27.34		1460.7							
	STD	00100	03.29	34.38	27.39	00.108	1464.7							
	OBS	00100	03.29	34.38	27.39		1464.7							
	STD	00125	03.71	34.60	27.52	00.104	1467.2							
	OBS	00125	03.71	34.60	27.52		1467.2							
	STD	00150	04.34	34.76	27.58	00.118	1470.4							
	OBS	00150	04.34	34.76	27.58		1470.4							
	OBS	00170	04.44	34.81	27.61		1471.2							
	STD	00200	04.37	34.86	27.66	00.143	1471.5							
	OBS	00200	04.37	34.86	27.66		1471.5							
	OBS	00220	04.33	34.90	27.65		1471.7							

TABLE III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18–19 March 1971, Prepared from NOIOC Listing No. 31-8263.—Continued

REFID 31 8263	YEAR 1971	BUTOP 00330	AIR TEMP 05.6	DIR HGT PER	WIND-DIR 14	INST STD RECORDER	TEN SU 1306
CONSEL 0011	MONTH 03	SHIP 1L	WET BULB 05.2	18 5 3	WIND-SPD 25	TRACE DIR 0	5 SQUARE 4
LAT 47 40 N	DAY 19	DATA USE 1	BAROMETR 0996.9	SEA	WIND-FUR	DURATION 00.1	2 SQUARE 64
LONG 045 50 W	HOOR 07.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X+	ORIG A2 043	1 SQUARE 75

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIU3	PH
07.4	STD	00000	02.31	33.92	27.10	00.000	1458.1							
	UBS	00000	02.31	33.92	27.10		1458.1							
	STD	00010	02.29	33.92	27.11	00.009	1458.2							
	UBS	00010	02.29	33.92	27.11		1458.2							
	STD	00020	02.28	33.92	27.11	00.019	1458.3							
	UBS	00020	02.28	33.92	27.11		1458.3							
	STD	00030	02.26	33.92	27.11	00.029	1458.4							
	UBS	00030	02.26	33.92	27.11		1458.4							
	STD	00050	02.02	33.95	27.15	00.047	1457.7							
	UBS	00050	02.02	33.95	27.15		1457.7							
	STD	00065	02.01	33.95	27.15		1457.9							
	UBS	00075	01.64	33.93	27.16	00.070	1456.4							
	UBS	00075	01.64	33.93	27.16		1456.4							
	STD	00100	01.82	34.04	27.24	00.092	1457.8							
	UBS	00100	01.82	34.04	27.24		1457.8							
	STD	00125	01.98	34.10	27.27	00.113	1459.0							
	UBS	00125	01.98	34.10	27.27		1459.0							
	STD	00150	02.52	34.30	27.35	00.132	1462.0							
	UBS	00150	02.52	34.30	27.35		1462.0							
	UBS	00155	02.41	34.34	27.43		1461.7							
	UBS	00168	03.66	34.66	27.57		1467.7							
	UBS	00182	04.19	34.79	27.62		1470.4							
	STD	00200	04.46	34.84	27.63	00.162	1471.9							
	UBS	00200	04.46	34.84	27.63		1471.9							
	UBS	00225	04.61	34.90	27.66		1473.0							
	STD	00250	04.41	34.88	27.67	00.186	1472.5							
	UBS	00250	04.41	34.88	27.67		1472.5							
	UBS	00265	04.47	34.91	27.71		1472.6							

REFID 31 8263	YEAR 1971	BUTOP 00732	AIR TEMP 00.3	DIR HGT PER	WIND-DIR 14	INST STD RECORDER	TEN SU 1306
CONSEL 0012	MONTH 03	SHIP 3L	WET BULB 00.0	18 0 3	WIND-SPD 25	TRACE DIR 0	5 SQUARE 4
LAT 48 00 N	DAY 19	DATA USE 1	BAROMETR 0994.9	SEA	WIND-FUR	DURATION 00.2	2 SQUARE 84
LONG 045 50 W	HOOR 10.0	AREA 05	CLOUD T/A	CL/TR	WEATHER X+	ORIG A2 043	1 SQUARE 85

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIU3	PH
10.0	STD	00000	01.39	33.92	27.17	00.300	1454.1							
	UBS	00000	01.39	33.92	27.17		1454.1							
	STD	00010	01.38	33.92	27.17	00.309	1454.2							
	UBS	00010	01.38	33.92	27.17		1454.2							
	STD	00020	01.38	33.92	27.17	00.318	1454.4							
	UBS	00020	01.38	33.92	27.17		1454.4							
	STD	00030	01.38	33.93	27.18	00.327	1454.5							
	UBS	00030	01.38	33.93	27.18		1454.5							
	UBS	00038	01.39	33.99	27.23		1454.8							
	STD	00050	01.68	34.03	27.24	00.344	1456.3							
	UBS	00050	01.68	34.03	27.24		1456.3							
	STD	00075	01.96	34.10	27.28	00.365	1458.1							
	UBS	00075	01.96	34.10	27.28		1458.1							
	STD	00100	01.94	34.13	27.30	00.384	1458.5							
	UBS	00100	01.94	34.13	27.30		1458.5							
	STD	00125	03.66	34.67	27.58	00.401	1467.0							
	UBS	00125	03.66	34.67	27.58		1467.0							
	STD	00150	04.11	34.80	27.64	00.413	1469.5							
	UBS	00150	04.11	34.80	27.64		1469.5							
	UBS	00160	04.28	34.82	27.63		1470.4							
	UBS	00175	04.11	34.80	27.64		1469.9							
	STD	00200	04.17	34.85	27.67	00.437	1470.7							
	UBS	00200	04.17	34.85	27.67		1470.7							
	STD	00250	04.33	34.91	27.70	00.459	1472.2							
	UBS	00250	04.33	34.91	27.70		1472.2							
	STD	00300	04.44	34.94	27.71	00.480	1473.6							
	UBS	00300	04.44	34.94	27.71		1473.6							
	STD	00400	04.47	34.95	27.74	00.422	1474.5							
	UBS	00400	04.47	34.95	27.74		1474.5							
	STD	00500	04.13	34.95	27.75	00.462	1475.6							
	UBS	00500	04.13	34.95	27.75		1475.6							
	STD	00600	04.05	34.96	27.77	00.402	1476.9							
	UBS	00600	04.05	34.96	27.77		1476.9							
	UBS	00620	04.07	34.96	27.77		1477.3							
	UBS	00655	04.08	34.96	27.77		1477.9							

TABLE III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31-8263.—Continued

REFID 31 8263	YEAR 1971	BOTOP 00951	AIR TEMP 04.8	DIR HGT PER	WIND-DIR 17	INST STU RECORDER	TEN SQ 1306
CONSEC 0013	MONTH 03	SHIP 3L	WET BULB 04.3	17 4 3	WIND-SPO 24	TRACE DIR 0	5 SQUARE 4
LAT 48 20 N	DAY 19	DATA USE 1	HARDMETR 0993.3	SEA	WIND-FJR	DURATION 00.3	2 SQUARE 84
LONG 045 50 W	HOOR 13.4	AREA G5	CLOUD T/A	CL/TR	WEATHER X4	ORIG A2 043	1 SQUARE 85

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P34	TOT P	N02	N03	SI03	PH
	STU	00000	01.13	33.90	27.18	00.000	1452.9							
13.4	DBS	00000	01.13	33.90	27.18		1452.9							
	STU	00010	01.13	33.90	27.18	00.009	1453.1							
	DBS	00010	01.13	33.90	27.18		1453.1							
	STU	00020	01.12	33.90	27.18	00.018	1453.2							
	DBS	00020	01.12	33.90	27.18		1453.2							
	STU	00030	01.12	33.89	27.17	00.027	1453.3							
	DBS	00030	01.12	33.89	27.17		1453.3							
	STU	00050	01.06	33.95	27.22	00.044	1453.5							
	DBS	00050	01.06	33.95	27.22		1453.5							
	STU	00075	01.25	34.04	27.28	00.065	1454.9							
	DBS	00075	01.25	34.04	27.28		1454.9							
	STU	00100	01.81	34.24	27.40	00.084	1458.0							
	DBS	00100	01.81	34.24	27.40		1458.0							
	STU	00125	02.66	34.33	27.40	00.101	1462.3							
	DBS	00125	02.66	34.33	27.40		1462.3							
	STU	00150	03.16	34.54	27.53	00.117	1465.1							
	DBS	00150	03.16	34.54	27.53		1465.1							
	STU	00200	03.96	34.78	27.64	00.144	1469.7							
	DBS	00200	03.96	34.78	27.64		1469.7							
	STU	00250	04.41	34.88	27.67	00.167	1472.5							
	DBS	00250	04.41	34.88	27.67		1472.5							
	STU	00300	04.50	34.92	27.65	00.190	1473.8							
	DBS	00300	04.50	34.92	27.65		1473.8							
	STU	00400	04.49	34.95	27.72	00.234	1475.4							
	DBS	00400	04.49	34.95	27.72		1475.4							
	STU	00500	04.34	34.95	27.73	00.277	1476.5							
	DBS	00500	04.34	34.95	27.73		1476.5							
	STU	00600	04.21	34.94	27.74	00.320	1477.6							
	DBS	00600	04.21	34.94	27.74		1477.6							
	STU	00700	04.04	34.93	27.75	00.362	1478.5							
	DBS	00700	04.04	34.93	27.75		1478.5							
	STU	00800	03.97	34.93	27.76	00.405	1479.9							
	DBS	00800	03.97	34.93	27.76		1479.9							

REFID 31 8263	YEAR 1971	BOTOP 01174	AIR TEMP 01.3	DIR HGT PER	WIND-DIR 22	INST NANSEN CAST	TEN SQ 1306
CONSEC 0014	MONTH 03	SHIP 3L	WET BULB 00.6	22 3 3	WIND-SPO 27	TRACE DIR	5 SQUARE 4
LAT 48 35 N	DAY 19	DATA USE 1	HARDMETR 0994.0	SEA	WIND-FJR	DURATION	2 SQUARE 84
LONG 045 50 W	HOOR 18.9	AREA 05	CLOUD T/A 7/8	CL/TR	WEATHER X4	ORIG A2 043	1 SQUARE 85

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P34	TOT P	N02	N03	SI03	PH
	STU	00000	00.55	33.66	27.01	00.000	1449.9							
18.9	DBS	00000	00.55	33.66	27.01		1449.9							
	STU	00010	00.61	33.68	27.03	00.010	1450.4							
	DBS	00010	00.61	33.68	27.03		1450.4							
	STU	00020	00.66	33.71	27.05	00.020	1451.9							
	DBS	00020	00.66	33.71	27.05		1451.9							
	STU	00030	00.71	33.72	27.06	00.030	1451.8							
	DBS	00030	00.71	33.72	27.06		1451.8							
	STU	00050	01.74	34.12	27.31	00.048	1456.8							
	DBS	00050	01.74	34.12	27.31		1456.8							
	STU	00075	02.68	34.17	27.27	00.068	1461.3							
	DBS	00075	02.68	34.17	27.27		1461.3							
	STU	00100	02.90	34.174	27.26	00.086	1462.4							
	DBS	00100	02.90	34.174	27.26		1462.4							
	STU	00125	03.56	34.62	27.55	00.101	1466.6							
	DBS	00125	03.56	34.62	27.55		1466.6							
	STU	00150	03.87	34.72	27.60	00.115	1468.4							
	DBS	00150	03.87	34.72	27.60		1468.4							
	STU	00163	04.00	34.768	27.62	00.139	1471.1							
	DBS	00163	04.00	34.768	27.62		1471.1							
	STU	00200	04.28	34.85	27.66	00.179	1471.9							
	DBS	00200	04.28	34.85	27.66		1471.9							
	STU	00250	04.44	34.89	27.68	00.162	1472.7							
	DBS	00250	04.44	34.89	27.68		1472.7							
	STU	00300	04.48	34.92	27.65	00.184	1473.7							
	DBS	00300	04.48	34.92	27.65		1473.7							
	STU	00325	04.44	34.925	27.70	00.224	1475.4							
	DBS	00325	04.44	34.925	27.70		1475.4							
	STU	00400	04.44	34.94	27.71	00.272	1476.6							
	DBS	00400	04.44	34.94	27.71		1476.6							
	STU	00432	04.40	34.950	27.72	00.315	1477.9							
	DBS	00432	04.40	34.950	27.72		1477.9							
	STU	00500	03.91	34.88	27.72	00.357	1478.5							
	DBS	00500	03.91	34.88	27.72		1478.5							
	STU	00541	03.79	34.864	27.72	00.400	1479.7							
	DBS	00541	03.79	34.864	27.72		1479.7							
	STU	00600	03.99	34.91	27.74	00.442	1480.9							
	DBS	00600	03.99	34.91	27.74		1480.9							
	STU	00700	04.03	34.94	27.75	00.485	1482.2							
	DBS	00700	04.03	34.94	27.75		1482.2							
	STU	00800	03.93	34.93	27.76	00.527	1483.5							
	DBS	00800	03.93	34.93	27.76		1483.5							
	STU	00862	03.67	34.922	27.76	00.442	1480.9							
	DBS	00862	03.67	34.922	27.76		1480.9							
	STU	00900	03.83	34.92	27.77	00.485	1482.2							
	DBS	00900	03.83	34.92	27.77		1482.2							
	STU	01000	03.73	34.92	27.78	00.527	1483.5							
	DBS	01000	03.73	34.92	27.78		1483.5							
	STU	01074	03.67	34.922	27.79	00.442	1480.9							
	DBS	01074	03.67	34.922	27.79		1480.9							
	STU	01100	03.65	34.93	27.79	00.527	1483.5							
	DBS	01100	03.65	34.93	27.79		1483.5							

TABLE IV.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC CAMPBELL, 14-16 July 1971, Prepared from NODC Listing No. 31-1887.

REFID	31	1887	YEAR	1971	BOTOP	01086	AIR TEMP	09.8	OIR	NGT	PER	WIND-OIR	18	INST	NANSEN	CAS	TEN	SQ	1306	
CONSEC	0001		MONTH	07	SHIP	CM	WET BULB	09.4		18	4	2		WIND-SPO	10	TRACE	OIR	5	SQUARE	4
LAT	48	38	N		DAY	14	BAROMETR	1015.5	SEA			WIND-FOR		OURATION			2	SQUARE	84	
LONG	045	51	W		HOUR	19.7	CLOUD T/A	X/9	CL/TR			WEATHER	X4	ORIG	A2	049	1	SQUARE	85	

CASNUM/TIME	LVL	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND	VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
	STO	00000	07.95												
19.7	085	00000	07.95												
	STO	00010	06.46												
	STO	00020	05.22												
	STO	00030	04.22												
19.7	085	00033	03.97												
	STO	00050	03.05												
19.7	085	00066	02.69												
	STO	00075	03.00												
19.7	085	00099	03.52												
	STO	00100	03.52												
	STO	00125	03.50												
19.7	085	00131	03.49												
	STO	00150	03.66												
19.7	085	00190	03.84												
	STO	00200	03.79												
19.7	085	T00249	03.65												
	STO	00250	03.65												
	STO	00300	03.81												
19.7	085	00364	03.98												
	STO	00400	04.09												
19.7	085	00480	04.18												
	STO	00500	04.12												
19.7	085	00594	03.95												
	STO	00600	03.96												
	STO	00700	04.04												
19.7	085	T00708	04.05												

REFID	31	1887	YEAR	1971	BOTOP	01024	AIR TEMP	09.9	OIR	HGT	PER	WIND-OIR	18	INST	NANSEN	CAS	TEN	SQ	1306	
CONSEC	0002		MONTH	07	SHIP	CM	WET BULB	08.9		18	1	3		WIND-SPO	10	TRACE	OIR	5	SQUARE	4
LAT	48	20	N		DAY	14	BAROMETR	1017.8	SEA			WIND-FOR		OURATION			2	SQUARE	84	
LONG	045	50	W		HOUR	23.1	CLOUD T/A	X/9	CL/TR			WEATHER	X6	ORIG	A2	049	1	SQUARE	85	

CASNUM/TIME	LVL	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND	VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
	STO	00000	07.67												
23.1	085	00000	07.67												
	STO	00010	04.80												
	STO	00020	02.65												
	STO	00030	01.24												
23.1	085	00030	01.24												
	STO	00050	01.28												
23.1	085	00060	01.38												
	STO	00075	01.68												
23.1	085	00089	01.97												
	STO	00100	02.22												
23.1	085	00119	02.66												
	STO	00125	02.85												
	STO	00150	03.50												
23.1	085	00179	04.03												
	STO	00200	04.18												
23.1	085	T00228	04.34												
	STO	00250	04.38												
	STO	00300	04.45												
23.1	085	00337	04.47												
	STO	00400	04.43												
23.1	085	00445	04.42												
	STO	00500	04.46												
23.1	085	00554	04.49												
	STO	00600	04.36												
23.1	085	T00664	04.20												
	STO	00700	04.13												
	STO	00800	03.97												
23.1	085	T00883	03.90												

TABLE III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31-8263.—(Continued)

REFID 31 1887.	YEAR 1971	80TOP 00585	AIR TEMP 09.0	OIR HGT PER	WIND-OIR 26	INST NANSEN CAST	TEN SQ 1306
CONSEC 0003	MONTH 07	SHIP CM	WET BULB 08.2	26 2 3	WIND-SPO 08	TRACE OIR	5 SQUARE 4
LAT 48 04 N	DAY 15	DATA USE 1	BAROMETR 1019.1	SEA	WIND-FOR	DURATION	2 SQUARE 84
LONG 045 50 W	HOOR 02.0	AREA 05	CLOUD T/A X/9	CL/TR	WEATHER X5	ORIG A2 049	1 SQUARE 85

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PH
	STO	00000	07.30	32.45	25.39	00.000	1476.9							
02.0	OBS	00000	07.30	32.450	25.39		1476.9							
	STO	00010	04.56	32.91	26.09	00.022	1466.6							
	STO	00020	02.46	33.28	26.58	00.039	1458.3							
02.0	OBS	00025	01.65	33.434	26.77		1455.0							
	STO	00030	01.04	33.53	26.68	00.052	1452.5							
	STO	00050	- 0.04	33.84	27.19	00.073	1448.3							
02.0	OBS	00050	- 0.04	33.841	27.19		1448.3							
	STO	00075	01.62	34.09	27.29	00.094	1456.6							
02.0	OBS	00075	01.62	34.090	27.29		1456.6							
	STO	00100	01.94	34.29	27.43	00.112	1458.7							
02.0	OBS	00100	01.94	34.295	27.43		1458.7							
	STO	00125	02.48	34.44	27.51	00.128	1461.7							
	STO	00150	02.95	34.57	27.57	00.142	1464.3							
02.0	OBS	00151	02.97	34.578	27.57		1464.4							
	STO	00200	03.61	34.71	27.62	00.168	1468.1							
	STO	00250	04.09	34.82	27.66	00.192	1471.1							
	STO	00300	04.40	34.89	27.68	00.215	1473.3							
02.0	OBS	00305	04.42	34.900	27.68		1473.5							
	STO	00400	04.46	34.94	27.71	00.259	1475.3							
02.0	OBS	00408	04.47	34.941	27.71		1475.5							
	STO	00500	04.67	34.95	27.69	00.305	1477.8							
02.0	OBS	00510	04.69	34.949	27.69		1478.1							
02.0	OBS	T00546	04.34	34.934	27.72		1477.2							

REFID 31 1887	YEAR 1971	80TOP 00384	AIR TEMP 07.1	OIR HGT PER	WIND-OIR 25	INST NANSEN CAST	TEN SQ 1306
CONSEC 0004	MONTH 07	SHIP CM	WET BULB 06.8	25 2 3	WIND-SPO 10	TRACE OIR	5 SQUARE 4
LAT 47 40 N	DAY 15	DATA USE 1	BAROMETR 1020.7	SEA	WIND-FOR	DURATION	2 SQUARE 64
LONG 045 55 W	HOOR 05.8	AREA 05	CLOUD T/A X/9	CL/TR	WEATHER X4	ORIG A2 049	1 SQUARE 75

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PH
	STO	00000	07.26											
05.8	OBS	00000	07.26											
	STO	00010	05.25											
	STO	00020	03.58											
	STO	00030	02.26											
05.8	OBS	00048	00.73											
	STO	00050	00.69											
05.8	OBS	00072	00.42											
	STO	00075	00.49											
	STO	00100	01.08											
	STO	00125	01.70											
05.8	OBS	00145	02.22											
	STO	00150	02.36											
05.8	OBS	00195	03.58											
	STO	00200	03.71											
05.8	OBS	00245	04.80											

REFID 31 1887.	YEAR 1971	80TOP 00278	AIR TEMP 19.0	OIR HGT PER	WIND-OIR 26	INST NANSEN CAST	TEN SQ 1306
CONSEC 0005	MONTH 07	SHIP CM	WET BULB 12.0	26 2 2	WIND-SPO 08	TRACE OIR	5 SQUARE 4
LAT 47 25 N	DAY 15	DATA USE 1	BAROMETR 1023.8	SEA	WIND-FOR	DURATION	2 SQUARE 64
LONG 045 55 W	HOOR 08.2	AREA 05	CLOUD T/A 6/8	CL/TR	WEATHER X2	ORIG A2 049	1 SQUARE 75

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PH
	STO	00000	07.78											
08.2	OBS	00000	07.78											
	STO	00010	05.34											
	STO	00020	03.42											
08.2	OBS	00025	02.65											
	STO	00030	02.00											
	STO	00050	00.73											
08.2	OBS	00050	00.73											
	STO	00075	02.12											
08.2	OBS	00075	02.12											
	STO	00100	03.13											
08.2	OBS	00100	03.13											
	STO	00125	03.87											
	STO	00150	04.28											
08.2	OBS	00151	04.29											
	STO	00200	04.06											
08.2	OBS	T00202	04.05											
	STO	00250	04.39											
08.2	OBS	T00259	04.52											

TABLE III--Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 81-8263,--Continued

REFID 31 1887	YEAR 1971	BOTOP 00279	AIR TEMP 11.0	DIR HGT PER	WIND-DIR 14	INST NANSEN CAST	TEN SQ 1306
CONSEC 0006	MONTH 07	SHIP CM	WET BULB 08.8	26 2 2	WIND-SPD 05	TRACE DIR	5 SQUARE 4
LAT 47 00 N	DAY 15	DATA USE 1	BAROMETR 1025.1	SEA	WIND-FOR	DURATION	2 SQUARE 64
LONG 045 50 W	HOUR 10.5	AREA 05	CLOUD T/A 6/8	CL/TR	WEATHER X2	ORIG A2 049	1 SQUARE 75

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SI03	PH
	STD	00000	07.83											
10.5	OBS	00000	07.83											
	STD	00010	06.65											
	STD	00020	05.56											
10.5	OBS	00024	05.15											
	STD	00030	04.44											
10.5	OBS	00048	02.97											
	STD	00050	02.94											
10.5	OBS	00071	02.57											
	STD	00075	02.43											
10.5	OBS	00095	02.10											
	STD	00100	02.35											
	STD	00125	03.44											
10.5	OBS	00145	04.10											
	STD	00150	04.12											
	STD	00200	04.30											
10.5	OBS	T00249	04.48											

REFID 31 1887	YEAR 1971	BOTOP 00314	AIR TEMP 10.1	DIR HGT PER	WIND-DIR 23	INST NANSEN CAST	TEN SQ 1306
CONSEC 0007	MONTH 07	SHIP CM	WET BULB 09.1	23 2 2	WIND-SPD 06	TRACE DIR	5 SQUARE 4
LAT 47 00 N	DAY 15	DATA USE 1	BAROMETR 1025.6	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 046 09 W	HOUR 12.5	AREA 05	CLOUD T/A 6/8	CL/TR	WEATHER X2	ORIG A2 049	1 SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SI03	PH
	STD	00000	08.48											
12.5	OBS	00000	08.48											
	STD	00010	07.06											
	STD	00020	05.46											
12.5	OBS	00024	04.77											
	STD	00030	03.11											
12.5	OBS	00048	00.03											
	STD	00050	00.06											
12.5	OBS	00072	00.38											
	STD	00075	00.60											
12.5	OBS	00097	01.83											
	STD	00100	01.87											
	STD	00125	02.18											
12.5	OBS	00145	02.43											
	STD	00150	02.74											
12.5	OBS	00194	04.60											
	STD	00200	04.58											
	STD	00250	04.45											
12.5	OBS	T00259	04.43											

REFID 31 1887	YEAR 1971	BOTOP 00336	AIR TEMP 10.1	DIR HGT PER	WIND-DIR 22	INST NANSEN CAST	TEN SQ 1306
CONSEC 0008	MONTH 07	SHIP CM	WET BULB 09.1	22 1 2	WIND-SPD 07	TRACE DIR	5 SQUARE 4
LAT 46 58 N	DAY 15	DATA USE 1	BAROMETR 1026.7	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 046 29 W	HOUR 14.3	AREA 05	CLOUD T/A X/9	CL/TR	WEATHER X4	ORIG A2 049	1 SQUARE 66

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SI03	PH
	STD	00000	07.89	32.25	25.16	00.000	1478.9							
14.3	OBS	00000	07.89	32.251	25.16		1478.9							
	STD	00010	07.31	32.29	25.26	00.027	1476.9							
	STD	00020	06.16	32.43	25.52	00.053	1472.6							
14.3	OBS	00024	05.54	32.513	25.67		1470.3							
	STD	00030	03.55	32.78	26.09	00.075	1462.4							
14.3	OBS	00048	- 0.10	33.393	26.84		1447.4							
	STD	00050	- 0.07	33.43	26.86	00.106	1447.6							
14.3	OBS	00072	00.49	33.780	27.12		1451.0							
	STD	00075	00.61	33.81	27.14	00.133	1451.7							
14.3	OBS	00096	01.66	34.067	27.27		1457.1							
	STD	00100	02.05	34.14	27.30	00.155	1459.0							
	STD	00125	04.18	34.55	27.43	00.173	1469.0							
14.3	OBS	00144	05.41	34.791	27.48		1474.8							
	STD	00150	05.37	34.79	27.49	00.189	1474.7							
	STD	00200	05.05	34.82	27.55	00.219	1474.3							
	STD	00250	04.73	34.85	27.60	00.246	1473.8							
14.3	OBS	T00282	04.53	34.862	27.64		1473.5							

TABLE III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19
March 1971, Prepared from NODC Listing No. 31-8263.—Continued

REFID 31 1887	YEAR 1971	80TOP 00984	AIR TEMP 09.2	DIR HGT PER	WIND-DIR 15	INST NANSEN CAST	TEN SQ 1306
CONSEC 0009	MONTH 07	SHIP CM	WET BULB 08.5		WIND-SPD 06	TRACE DIR	5 SQUARE 4
LAT 47 00 N	DAY 15	DATA USE 1	BAROMETR 1026.4	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 046 45 W	HOUR 17.2	AREA 05	CLOUD T/A X/9	CL/TR	WEATHER X4	ORTG A2 049	1 SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
	STO	00000	07.62	32.27	25.21	00.000	1477.9							
17.2	085	00000	07.62	32.268	25.21		1477.9							
	STO	00010	07.34	32.31	25.28	00.027	1477.0							
	STO	00020	06.75	32.36	25.40	00.053	1474.9							
	STO	00030	05.85	32.41	25.55	00.079	1471.5							
17.2	085	00030	05.85	32.406	25.55		1471.5							
	STO	00050	02.34	33.49	26.76	00.116	1458.5							
17.2	085	00060	01.26	33.833	27.11		1454.4							
	STO	00075	00.97	33.92	27.20	00.143	1453.5							
17.2	085	00090	00.73	34.032	27.31		1452.8							
	STO	00100	00.45	34.14	27.41	00.163	1451.8							
17.2	085	00120	00.36	34.333	27.57		1452.0							
	STO	00125	00.75	34.37	27.58	00.178	1453.9							
	STO	00150	02.34	34.52	27.58	00.191	1461.6							
17.2	085	00174	03.33	34.627	27.58		1466.4							
	STO	00200	03.48	34.66	27.59	00.217	1467.5							
17.2	085	00229	03.64	34.702	27.61		1468.7							
	STO	00250	03.75	34.73	27.62	00.242	1469.6							
	STO	00300	03.98	34.80	27.65	00.267	1471.4							
17.2	085	00338	04.12	34.841	27.67		1472.7							
	STO	00400	04.30	34.88	27.68	00.314	1474.6							
17.2	085	T00448	04.38	34.906	27.69		1475.7							
	STO	00500	04.37	34.92	27.70	00.360	1476.5							
17.2	085	00557	04.34	34.919	27.71		1477.4							
	STO	00600	04.31	34.91	27.70	00.406	1477.9							
17.2	085	T00667	04.26	34.896	27.70		1478.8							
	STO	00700	04.23	34.90	27.70	00.452	1479.3							
	STO	00800	04.12	34.91	27.73	00.499	1480.5							
17.2	085	T00886	04.00	34.922	27.75		1481.4							
	STO	00900	03.98	34.92	27.75	00.544	1481.6							
17.2	085	00995	03.81	34.933	27.77		1482.4							

REFID 31 1887	YEAR 1971	80TOP 01159	AIR TEMP 08.5	DIR HGT PER	WIND-DIR 15	INST NANSEN CAST	TEN SQ 1306
CONSEC 0010	MONTH 07	SHIP CM	WET BULB 07.8	13 2 4	WIND-SPD 10	TRACE DIR	5 SQUARE 4
LAT 47 00 N	DAY 15	DATA USE 1	BAROMETR 1026.2	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 047 00 W	HOUR 20.1	AREA 05	CLOUD T/A 8/5	CL/TR	WEATHER X1	ORTG A2 049	1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
	STO	00000	08.08	32.17	25.06	00.000	1479.5							
20.1	085	00000	08.08	32.167	25.06		1479.5							
	STO	00010	04.89	32.39	25.65	00.026	1467.2							
	STO	00020	02.43	32.63	26.07	00.047	1457.2							
20.1	085	00026	01.30	32.778	26.26		1452.5							
	STO	00030	00.85	32.92	26.40	00.065	1450.8							
	STO	00050	- 0.55	33.42	26.88	00.093	1445.4							
20.1	085	00051	- 0.58	33.441	26.90		1445.3							
	STO	00075	- 0.19	33.62	27.03	00.121	1447.7							
20.1	085	00077	- 0.16	33.638	27.04		1447.9							
	STO	00100	00.26	33.80	27.15	00.146	1450.5							
20.1	085	G0103	00.32	33.824	27.16		1450.8							
	STO	00125	00.88	33.96	27.24	00.168	1453.9							
	STO	00150	01.47	34.12	27.33	00.188	1457.2							
20.1	085	00154	01.56	34.149	27.35		1457.7							
	STO	00200	02.52	34.45	27.51	00.222	1463.1							
20.1	085	T00205	02.61	34.475	27.52		1463.6							
	STO	00250	03.27	34.63	27.59	00.250	1467.4							
	STO	00300	03.77	34.76	27.64	00.275	1470.5							
20.1	085	00307	03.82	34.769	27.64		1470.8							
	STO	00400	03.99	34.83	27.67	00.323	1473.2							
20.1	085	T00408	04.00	34.833	27.67		1473.4							
	STO	00500	04.15	34.87	27.69	00.370	1475.5							
20.1	085	00509	04.16	34.872	27.69		1475.8							
	STO	00600	04.27	34.90	27.70	00.416	1477.7							
20.1	085	T00610	04.27	34.900	27.70		1477.9							
	STO	00700	04.25	34.90	27.70	00.464	1479.3							
	STO	00800	04.11	34.89	27.71	00.511	1480.4							
20.1	085	00815	04.08	34.890	27.71		1480.5							

TABLE III.— Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31-8263.—Continued

REFID 31 1887	YEAR 1971	80TOP 00402	AIR TEMP 08.0	OIR HGT PER	WIND-OIR 15	INST NANSEN CAST	TEN SQ 1306
CONSEC 0011	MONTH 07	SHIP CM	WET 8UL8 07.4	13 2 3	WIND-SPD 10	TRACE DIR	5 SQUARE 4
LAT 47 00 N	DAY 15	DATA USE 1	BAROMETR 1025.1	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 047 14 W	HOOR 22.7	AREA 05	CLOUD T/A 6/3	CL/TR	WEATHER X1	ORIG 42 049	1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
	STD	00000	08.06	31.87	24.83	00.000	1479.1							
22.7	085	00000	08.06	31.870	24.83		1479.1							
	STD	00010	07.87	31.91	24.89	00.031	1478.6							
	STD	00020	06.64	32.05	25.17	00.060	1474.1							
22.7	085	00023	06.06	32.111	25.29		1471.9							
	STD	00030	02.92	32.40	25.85	00.085	1459.2							
22.7	085	00046	- 1.48	32.900	26.49		1440.2							
	STD	00050	- 1.43	32.94	26.51	00.122	1440.6							
22.7	085	00069	- 1.06	33.192	26.71		1443.0							
	STD	00075	- 0.88	33.32	26.81	00.156	1444.1							
22.7	085	00083	- 0.66	33.476	26.93		1445.5							
	STD	00100	- 0.31	33.58	26.99	00.185	1447.5							
	STD	00125	00.19	33.72	27.09	00.211	1450.5							
22.7	085	00139	00.47	33.802	27.14		1452.1							
	STD	00150	00.69	33.86	27.17	00.234	1453.3							
	STD	00200	01.66	34.14	27.33	00.276	1458.9							
	STD	00250	02.61	34.40	27.47	00.311	1464.2							
	STD	00300	03.52	34.65	27.58	00.341	1469.3							
22.7	085	00330	04.06	34.799	27.64		1472.3							

REFID 31 1887	YEAR 1971	80TOP 00216	AIR TEMP 09.1	OIR HGT PER	WIND-OIR 14	INST NANSEN CAST	TEN SQ 1306
CONSEC 0012	MONTH 07	SHIP CM	WET 8UL8 08.5	14 2 3	WIND-SPD 14	TRACE DIR	5 SQUARE 4
LAT 47 00 N	DAY 16	DATA USE 1	BAROMETR 1024.2	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 047 20 W	HOOR 00.9	AREA 05	CLOUD T/A 8/6	CL/TR	WEATHER X1	ORIG 42 049	1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
	STD	00000	07.66	32.20	25.15	00.000	1478.0							
00.9	085	00000	07.66	32.198	25.15		1478.0							
	STD	00010	03.73	32.42	25.78	00.025	1462.4							
	STD	00020	00.81	32.60	26.15	00.045	1450.0							
00.9	085	00023	00.13	32.640	26.22		1447.0							
	STD	00030	- 0.90	32.70	26.31	00.063	1442.4							
00.9	085	00046	- 2.09	32.843	26.45		1437.3							
	STD	00050	- 1.87	32.89	26.49	00.096	1438.4							
00.9	085	00068	- 1.07	33.067	26.61		1442.8							
	STD	00075	- 0.89	33.12	26.65	00.133	1443.8							
00.9	085	00091	- 0.53	33.236	26.73		1445.9							
	STD	00100	- 0.37	33.29	26.77	00.166	1446.9							
	STD	00125	- 0.05	33.48	26.91	00.197	1449.0							
00.9	085	00136	00.03	33.584	26.98		1449.7							
	STD	00150		33.73										
00.9	085	00171		33.987										

REFID 31 1887	YEAR 1971	80TOP 00178	AIR TEMP 10.3	OIR HGT PER	WIND-OIR 15	INST NANSEN CAST	TEN SQ 1306
CONSEC 0013	MONTH 07	SHIP CM	WET 8UL8 08.8	15 2 2	WIND-SPD 20	TRACE DIR	5 SQUARE 4
LAT 47 00 N	DAY 16	DATA USE 1	BAROMETR 1022.6	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 047 44 W	HOOR 02.5	AREA 05	CLOUD T/A 6/8	CL/TR	WEATHER X2	ORIG 42 049	1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
	STD	00000	08.05	32.26	25.14	00.000	1479.5							
02.5	085	00000	08.05	32.257	25.14		1479.5							
	STD	00010	05.65	32.19	25.40	00.027	1470.1							
	STD	00020	03.48	32.12	25.57	00.052	1461.1							
02.5	085	00022	03.07	32.102	25.59		1459.3							
	STD	00030	01.24	32.40	25.97	00.074	1451.8							
02.5	085	00045	- 1.00	32.776	26.37		1442.3							
	STD	00050	- 1.17	32.79	26.39	00.111	1441.6							
02.5	085	00067	- 1.45	32.863	26.46		1440.7							
	STD	00075	- 1.32	32.92	26.50	00.151	1441.5							
02.5	085	00089	- 1.10	33.023	26.58		1442.9							
	STD	00100	- 0.93	33.11	26.64	00.188	1444.0							
	STD	00125	- 0.57	33.30	26.78	00.221	1446.4							
02.5	085	T00134	- 0.45	33.377	26.84		1447.2							

TABLE III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31-8263.—Continued

REFID 31 1887	YEAR 1971	80TOP 00146	AIR TEMP 10.3	DIR HGT PER	WIND-DIR 15	INST NANSEN CAST	TEN SQ 1306
CONSEC 0014	MONTH 07	SHIP CM	WET BULB 08.8	49 2 3	WIND-SPD 20	TRACE DIR	5 SQUARE 4
LAT 47 00 N	DAY 16	DATA USE 1	BAROMETR 1021.2	SEA	WIND-FOR	DURATION	2 SQUARE 68
LONG 048 00 W	HOOR 04.2	AREA 05	CLOUD T/A 8/8	CL/TR	WEATHER X2	ORIG A2 049	1 SQUARE T8

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PU4	TOT P	NO2	NO3	S1J3	PH
04.2	STD	00000	08.38	32.23	25.07	00.000	1480.8							
	OBS	00000	08.38	32.228	25.07		1480.8							
	STD	00010	08.15	32.26	25.13	00.028	1480.1							
	STD	00020	07.91	32.29	25.19	00.057	1479.4							
	STD	00030	07.68	32.33	25.25	00.084	1478.7							
04.2	OBS	00048	07.26	32.387	25.35		1477.4							
	STD	00050	06.26	32.43	25.52	00.136	1473.5							
04.2	OBS	00071	- 0.81	32.772	26.36		1443.6							
	STD	00075	- 0.97	32.78	26.38	00.188	1443.0							
04.2	OBS	00094	- 1.37	32.872	26.46		1441.5							
	STD	00100	- 1.30	32.91	26.49	00.228	1442.0							
04.2	OBS	00117	- 1.09	33.047	26.60		1443.4							

TABLE V.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC CHASE, 26-28 August 1971, Prepared from NODC Listing No. 31-1889.

REFID	31	1889	YEAR	1971	BOTOP	00137	AIR TEMP	16.3	OIR HGT	PER	WIND-OIR	25	INST NANSEN	CAS	TEN SQ	1306			
CONSEC	0001		MONTH	08	SHIP E1		WET BULB	15.0	25	1	2	WIND-SPD	14	TRACE OIR	5	SQUARE	4		
LAT	47 00 N		DAY	26	DATA USE	1	BAROMETR	1019.9	SEA			WIND-FOR		DURATION	2	SQUARE	68		
LONG	048 00 W		HOUR	19.3	AREA	05	CLOUD T/A	8/5	CL/TR			WEATHER	X1	ORIG	A2	050	1	SQUARE	78

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
	STD	00000	14.26	31.70	23.61	00.000	1501.0							
	OBS	00000	14.26	31.703	23.61		1501.0							
	STD	00010	14.12	31.64	23.59	00.043	1500.6							
19.3	OBS	00012	13.74	31.624	23.66		1499.3							
	STD	00020	07.63	32.06	25.04	00.079	1478.0							
	STD	00030	01.97	32.48	25.98	00.104	1455.2							
19.3	OBS	00037	- 0.68	32.683	26.29		1443.5							
	STD	00050	- 1.09	32.76	26.36	00.141	1441.9							
19.3	OBS	00062	- 1.31	32.833	26.43		1441.2							
	STD	00075	- 1.12	32.90	26.48	00.181	1442.4							
19.3	OBS	00087		32.993										
	STD	00100	- 1.00	33.14	26.67	00.218	1443.7							
19.3	OBS	00112	- 0.59	33.310	26.79		1446.1							

REFID	31	1889	YEAR	1971	BOTOP	00137	AIR TEMP	14.9	OIR HGT	PER	WIND-OIR	24	INST NANSEN	CAS	TEN SQ	1306			
CONSEC	0002		MONTH	08	SHIP E1		WET BULB	14.2	24	2	2	WIND-SPD	09	TRACE OIR	5	SQUARE	4		
LAT	46 59 N		DAY	26	DATA USE	1	BAROMETR	1019.5	SEA			WIND-FOR		DURATION	2	SQUARE	66		
LONG	047 53 W		HOUR	20.9	AREA	05	CLOUD T/A	6/6	CL/TR			WEATHER	X1	ORIG	A2	050	1	SQUARE	67

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
	STD	00000	14.03	31.61	23.59	00.000	1500.1							
	OBS	00000	14.03	31.614	23.59		1500.1							
	STD	00010	13.25	32.07	24.10	00.040	1498.2							
	STD	00020	12.47	32.41	24.52	00.077	1496.2							
20.9	OBS	00025	12.08	32.543	24.69		1495.1							
	STD	00030	08.19	32.60	25.39	00.107	1481.0							
20.9	OBS	00049	- 1.36	32.774	26.38		1440.7							
	STD	00050	- 1.36	32.78	26.39	00.149	1440.7							
20.9	OBS	00074	- 1.25	32.904	26.48		1441.8							
	STD	00075	- 1.23	32.91	26.49	00.189	1441.9							
20.9	OBS	00098	- 0.84	33.119	26.65		1444.4							
	STD	00100	- 0.80	33.14	26.66	00.226	1444.7							
20.9	OBS	00110	- 0.60	33.287	26.77		1446.0							

REFID	31	1889	YEAR	1971	BOTOP	00201	AIR TEMP	15.1	OIR HGT	PER	WIND-OIR	29	INST NANSEN	CAS	TEN SQ	1306			
CONSEC	0003		MONTH	08	SHIP E1		WET BULB	13.9	25	1	2	WIND-SPD	05	TRACE OIR	5	SQUARE	4		
LAT	47 00 N		DAY	26	DATA USE	1	BAROMETR	1020.0	SEA			WIND-FOR		DURATION	2	SQUARE	66		
LONG	047 30 W		HOUR	22.8	AREA	05	CLOUD T/A	7/5	CL/TR			WEATHER	X1	ORIG	A2	050	1	SQUARE	77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
	STD	00000	13.55	31.61	23.68	00.000	1498.5							
	OBS	00000	13.55	31.606	23.68		1498.5							
	STD	00010	05.66	32.09	25.32	00.034	1470.0							
	STD	00020	00.28	32.45	26.06	00.057	1447.4							
22.8	OBS	00024	- 1.16	32.560	26.20		1440.9							
	STD	00030	- 1.34	32.63	26.26	00.076	1440.3							
22.8	OBS	00047	- 1.63	32.774	26.39		1439.4							
	STD	00050	- 1.62	32.78	26.40	00.110	1439.5							
22.8	OBS	00071	- 1.51	32.858	26.45		1440.4							
	STD	00075	- 1.47	32.87	26.47	00.150	1440.7							
22.8	OBS	00095	- 1.27	32.972	26.54		1442.1							
	STD	00100	- 1.22	32.99	26.56	00.188	1442.5							
	STD	00125	- 0.95	33.14	26.66	00.224	1444.4							
22.8	OBS	00142	- 0.77	33.279	26.77		1445.7							
	STD	00150	- 0.54	33.36	26.83	00.256	1447.0							
22.8	OBS	00189	01.23	33.846	27.13		1456.4							

TABLE V.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC CHASE, 26-28 August 1971, Prepared from NODC Listing No. 31-1889.—Continued

REFID 31 1889	YEAR 1971	BOTOP 00329	AIR TEMP 15.1	OIR HGT PER	WIND-OIR 29	INST NANSEN CAST	TEN 50 1306
CONSEC 0004	MONTH 08	SHIP E1	WET BULB 13.9	21 1 3	WIND-SPD 05	TRACE OIR	5 SQUARE 4
LAT 46 59 N	DAY 27	DATA USE 1	BAROMETR 1020.0	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 047 15 W	HOOR 00.7	AREA 05	CLOUD T/A 6/5	CL/TR	WEATHER X1	ORIG A2 050	1 SQUARE 67

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PQ4	TOT P	NO2	NO3	SIQ3	PH
	STO	00000	13.68	31.03	23.21	00.000	1498.2							
00.7	085	00000	13.68	31.029	23.21		1498.2							
	STO	00010	07.78	31.69	24.74	00.039	1477.9							
	STO	00020	03.29	32.23	25.68	00.067	1460.4							
	STO	00030	00.21	32.64	26.22	00.087	1447.5							
00.7	085	00030	00.21	32.640	26.22		1447.5							
	STO	00050	- 1.10	33.03	26.58	00.120	1442.3							
00.7	085	00055	- 1.29	33.107	26.65		1441.6							
	STO	00075	- 1.26	33.33	26.83	00.154	1442.3							
00.7	085	00086	- 1.25	33.443	26.92		1442.7							
	STO	00100	- 0.51	33.57	27.00	00.182	1446.6							
00.7	085	00111	- 0.01	33.670	27.06		1449.2							
	STO	00125	00.38	33.78	27.13	00.207	1451.4							
	STO	00150	01.02	33.97	27.24	00.230	1455.0							
00.7	085	00166	01.38	34.082	27.30		1457.0							
	STO	00200	02.00	34.30	27.44	00.268	1460.6							
00.7	085	T00222	02.36	34.423	27.50		1462.7							
	STO	00250	02.78	34.55	27.57	00.296	1465.2							
	STO	00300	03.43	34.71	27.63	00.324	1469.0							
00.7	085	00333	03.78	34.765	27.64		1471.1							

REFID 31 1889	YEAR 1971	BOTOP 01097	AIR TEMP 14.4	OIR HGT PER	WIND-OIR 28	INST NANSEN CAST	TEN 50 1306
CONSEC 0005	MONTH 08	SHIP E1	WET BULB 13.1	28 3 3	WIND-SPD 16	TRACE OIR	5 SQUARE 4
LAT 47 00.0N	DAY 27	DATA USE 1	BAROMETR 1020.0	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 046 58.0W	HOOR 03.3	AREA 05	CLOUD T/A 6/7	CL/TR	WEATHER X1	ORIG A2 050	1 SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PQ4	TOT P	NO2	NO3	SIQ3	PH
	STO	00000	12.60	31.78	24.00	00.000	1495.5							
03.3	085	00000	12.60	31.784	24.00		1495.5							
	STO	00010	11.68	31.78	24.18	00.038	1492.5							
	STO	00020	10.75	31.97	24.48	00.074	1489.6							
03.3	085	00025	10.29	32.133	24.69		1488.2							
	STO	00030	07.25	32.53	25.46	00.104	1477.3							
03.3	085	00049	- 0.28	33.562	26.98		1446.8							
	STO	00050	- 0.32	33.57	26.99	00.140	1446.7							
03.3	085	00074	- 0.46	33.759	27.15		1446.7							
	STO	00075	- 0.40	33.77	27.15	00.165	1447.0							
03.3	085	00098	00.75	34.016	27.29		1453.0							
	STO	00100	00.83	34.04	27.30	00.186	1453.4							
	STO	00125	01.72	34.25	27.41	00.204	1458.0							
03.3	085	00148	02.32	34.403	27.49		1461.3							
	STO	00150	02.34	34.41	27.49	00.221	1461.4							
	STO	00200	02.91	34.59	27.59	00.249	1464.9							
03.3	085	T00202	02.93	34.595	27.59		1465.1							
	STO	00250	03.49	34.71	27.63	00.274	1468.4							
	STO	00300	03.87	34.80	27.66	00.298	1471.0							
03.3	085	00301	03.88	34.801	27.66		1471.0							
	STO	00400	04.03	34.86	27.69	00.344	1473.4							
03.3	085	T00400	04.03	34.859	27.69		1473.4							
	STO	00500	04.00	34.88	27.71	00.389	1474.9							
03.3	085	00503	04.00	34.880	27.71		1475.0							
	STO	00600	04.08											
03.3	085	00600	04.08											
03.3	085	T01037	03.84											

TABLE V.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC CHASE, 26-28 August 1971, Prepared from NODC Listing No. 31-1889.—Continued

REFID	31	1889	YEAR	1971	BOTOP	00905	AIR TEMP	12.2	OIR HGT PER	WIND-OIR	32	INST NANSEN CAST	TEN SQ	1306
CONSEC		0006	MONTH	08	SHIP E1		WET BULB	11.6	32 2 2	WIND-SPD	15	TRACE OIR	5 SQUARE	4
LAT	47	01 N	DAY	27	DATA USE	1	BAROMETR	1020.4	SEA	WIND-FOR		DURATION	2 SQUARE	66
LONG	046	44 W	HOOR	05.7	AREA	05	CLOUD T/A	0/1	CL/TR	WEATHER	X1	DRIG A2 050	1 SQUARE	76

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
	STD	00000	13.14											
05.7	OBS	00000	13.14											
	STD	00010	09.74											
	STD	00020	06.82											
05.7	OBS	00024	05.78											
	STD	00030	04.18											
05.7	OBS	00048	01.16											
	STD	00050	01.17											
05.7	OBS	00073	01.41											
	STD	00075	01.46											
05.7	OBS	00097	02.01											
	STD	00100	02.09											
	STD	00125	02.71											
05.7	OBS	00146	03.20											
	STD	00150	03.31											
05.7	OBS	00199	04.27											
	STD	00200	04.27											
	STD	00250	04.34											
05.7	OBS	00296	04.40											
	STD	00300	04.37											
05.7	OBS	00393	03.94											
	STD	00400	03.98											
05.7	OBS	00495	04.31											
	STD	00500	04.31											
05.7	OBS	00592	04.27											
	STD	00600	04.26											
	STD	00700	04.18											
05.7	OBS	100787	04.11											
	STD	00800	04.06											
05.7	OBS	00831	03.94											

REFID	31	1889	YEAR	1971	BOTOP	00393	AIR TEMP	12.2	OIR HGT PER	WIND-OIR	32	INST NANSEN CAST	TEN SQ	1306
CONSEC		0007	MONTH	08	SHIP E1		WET BULB	11.6	32 1 2	WIND-SPD	15	TRACE OIR	5 SQUARE	4
LAT	46	59 N	DAY	27	DATA USE	1	BAROMETR	1020.4	SEA	WIND-FOR		DURATION	2 SQUARE	66
LONG	046	34 W	HOOR	07.7	AREA	05	CLOUD T/A	6/5	CL/TR	WEATHER	X1	DRIG A2 050	1 SQUARE	66

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
	STD	00000	13.06											
07.7	OBS	00000	13.06											
	STD	00010	12.33											
	STD	00020	11.61											
07.7	OBS	00024	11.32											
	STD	00030	07.27											
07.7	OBS	00048	00.07											
	STD	00050	00.38											
07.7	OBS	00073	02.35											
	STD	00075	02.20											
07.7	OBS	00097	01.24											
	STD	00100	01.47											
	STD	00125	03.00											
07.7	OBS	00146	03.79											
	STD	00150	03.79											
07.7	OBS	00199	03.78											
	STD	00200	03.78											
	STD	00250	03.82											
07.7	OBS	00295	03.89											

TABLE V.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC CHASE, 26-28 August 1971, Prepared from NODC Listing No. 31-1889. Continued

REFID 31 1889	YEAR 1971	80TOP 00292	AIR TEMP 11.3	OIR HGT PER	WIND-OIR 32	INST NANSEN CAST	TEN SQ 1306
CONSEC 0008	MONTH 08	SHIP E1	WET BULB 09.8	32 2 2	WIND-SPD 15	TRACE OIR	5 SQUARE 4
LAT 47 00 N	DAY 27	DATA USE 1	BAROMETR 1021.7	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 046 10 W	HOUR 09.5	AREA 05	CLOUD T/A 6/6	CL/TR	WEATHER X1	ORIG A2 050	1 SQUARE 76

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	13.70											
09.5	OBS	00000	13.70											
	STO	00010	13.72											
	STO	00020	13.73											
09.5	OBS	00024	13.74											
	STO	00030	10.42											
09.5	OBS	00049	03.42											
	STO	00050	03.35											
09.5	OBS	00073	02.22											
	STO	00075	02.16											
09.5	OBS	00097	01.85											
	STO	00100	01.96											
	STO	00125	02.78											
09.5	OBS	00146	03.31											
	STO	00150	03.39											
09.5	OBS	00199	04.00											

REFID 31 1889	YEAR 1971	80TOP 00283	AIR TEMP 11.0	OIR HGT PER	WIND-OIR 32	INST NANSEN CAST	TEN SQ 1306
CONSEC 0009	MONTH 08	SHIP E1	WET BULB 09.1	32 1 2	WIND-SPD 20	TRACE OIR	5 SQUARE 4
LAT 47 00 N	DAY 27	DATA USE 1	BAROMETR 1023.4	SEA	WIND-FOR	DURATION	2 SQUARE 64
LONG 045 49 W	HOUR 12.1	AREA 05	CLOUD T/A 6/6	CL/TR	WEATHER X1	ORIG A2 050	1 SQUARE 75

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	13.56											
12.1	OBS	00000	13.56											
	STO	00010	13.31											
	STO	00020	13.06											
12.1	OBS	00023	12.99											
	STO	00030	08.93											
12.1	OBS	00045	03.22											
	STO	00050	02.95											
12.1	OBS	00068	02.35											
	STO	00075	02.37											
12.1	OBS	00091	02.41											
	STO	00100	02.82											
	STO	00125	03.74											
12.1	OBS	00136	04.04											
	STO	00150	04.33											
12.1	OBS	00186	04.58											

REFID 31 1889	YEAR 1971	80TOP 00284	AIR TEMP 11.4	OIR HGT PER	WIND-OIR 32	INST NANSEN CAST	TEN SQ 1306
CONSEC 0010	MONTH 08	SHIP E1	WET BULB 09.0	32 2 2	WIND-SPD 18	TRACE OIR	5 SQUARE 4
LAT 47 20 N	DAY 27	DATA USE 1	BAROMETR 1024.5	SEA	WIND-FOR	DURATION	2 SQUARE 64
LONG 045 49 W	HOUR 14.5	AREA 05	CLOUD T/A 2/6	CL/TR	WEATHER X1	ORIG A2 050	1 SQUARE 75

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	13.14											
14.5	OBS	00000	13.14											
	STO	00010	12.89											
	STO	00020	11.79											
14.5	OBS	00028	10.29											
	STO	00030	09.41											
	STO	00050	03.13											
14.5	OBS	00051	02.94											
	STO	00075	02.34											
14.5	OBS	00079	02.32											
	STO	00100	02.62											
14.5	OBS	00103	02.67											
	STO	00125	03.33											
	STO	00150	03.91											
14.5	OBS	00154	03.99											
	STO	00200	04.53											
14.5	OBS	00206	04.56											

TABLE V.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC CHASE, 26-28 August 1971, Prepared from NODC Listing No. 31-4889.—Continued

REFID 31 1889	YEAR 1971	BOTOP 00393	AIR TEMP 11.4	OIR HGT PER	WIND-DIR 32	INST NANSEN CAST	TEN SQ 1306
CONSEC 0011	MONTH 08	SHIP E1	WET BULB 09.0	32 4 2	WIND-SPO 18	TRACE OIR	5 SQUARE 4
LAT 47 39 N	DAY 27	DATA USE 1	BAROMETR 1024.5	SEA	WIND-FDK	DURATION	2 SQUARE 64
LONG 045 55 W	HOOR 17.6	AREA 05	CLOUD T/A 8/5	CL/TR	WEATHER XI	ORIG A2 050	1 SQUARE 75

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P34	TDT P	NO2	NO3	S103	PH
	STO	00000	12.31											
17.6	OBS	00000	12.31											
	STO	00010	10.60											
	STO	00020	08.29											
17.6	OBS	00022	07.76											
	STO	00030	04.03											
17.6	OBS	00044	00.32											
	STO	00050	00.89											
17.6	OBS	00067	01.97											
	STO	00075	02.03											
17.6	OBS	00089	02.23											
	STO	00100	02.61											
	STO	00125	03.37											
17.6	OBS	00133	03.58											
	STO	00150	03.80											
	STO	00200	04.28											
	STO	00250	04.52											
17.6	OBS	00271	04.55											
	STO	00300	04.52											
17.6	OBS	T00309	04.49											

REFID 31 1889	YEAR 1971	BOTOP 00750	AIR TEMP 11.4	OIR HGT PER	WIND-DIR 33	INST NANSEN CAST	TEN SQ 1306
CONSEC 0012	MONTH 08	SHIP E1	WET BULB 09.1	33 4 2	WIND-SPO 25	TRACE UIR	5 SQUARE 4
LAT 48 00 N	DAY 27	DATA USE 1	BAROMETR 1025.1	SEA	WIND-FDK	DURATION	2 SQUARE 84
LONG 045 50 W	HOOR 20.6	AREA 05	CLOUD T/A 8/2	CL/TR	WEATHER XI	ORIG A2 050	1 SQUARE 85

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P34	TDT P	NO2	NO3	S103	PH
	STO	00000	11.67											
20.6	OBS	00000	11.67											
	STO	00010	10.35											
	STO	00020	08.37											
20.6	OBS	00024	07.39											
	STO	00030	04.88											
20.6	OBS	00043	01.28											
	STO	00050	01.22											
20.6	OBS	00066	01.07											
	STO	00075	01.58											
20.6	OBS	00085	02.02											
	STO	00100	02.13											
	STO	00125	02.32											
20.6	OBS	00127	02.34											
	STO	00150	03.59											
20.6	OBS	T00170	04.38											
	STO	00200	04.48											
	STO	00250	04.56											
20.6	OBS	00255	04.56											
	STO	00300	04.50											
20.6	OBS	T00342	04.45											
	STO	00400	04.37											
20.6	OBS	00431	04.34											
	STO	00500	04.31											
20.6	OBS	00521	04.30											
20.6	OBS	T00554	04.40											

TABLE V.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC CHASE, 26-28 August 1971, Prepared from NODC Listing No. 31-1889.—Continued

REFID 31 1889	YEAR 1971	80TOP 01134	AIR TEMP 12.0	DIR HGT PER	WIND-OIR 32	INST NANSEN CAST	TEN SQ 1306
CONSEC 0013	MONTH 08	SHIP E1	WET BULB 10.0	32 2 2	WIND-SPO 20	TRACE OIR	5 SQUARE 4
LAT 48 20 N	OAY 27	DATA USE 1	BAROMETR 1026.1	SEA	WIND-FJR	DURATION	2 SQUARE 84
LONG 045 50 W	HOOR 23.4	AREA 05	CLOUD T/A 70	CL/TR	WEATHER X0	ORIG A2 050	1 SQUARE 85

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	UXYG	PO4	TOT P	NO2	NO3	SI03	PH
	STO	00000	12.20											
23.4	OBS	00000	12.20											
	STO	00010	04.96											
	STO	00020	00.28											
23.4	OBS	00024	- 0.87											
	STO	00030	- 0.70											
23.4	OBS	00045	- 0.20											
	STO	00050	00.01											
23.4	OBS	00071	00.86											
	STO	00075	01.03											
23.4	OBS	00091	01.65											
	STO	00100	01.94											
	STO	00125	02.61											
23.4	OBS	00136	02.84											
	STO	00150	03.01											
23.4	OBS	T00180	03.34											
	STO	00200	03.53											
	STO	00250	03.89											
23.4	OBS	00268	03.98											
	STO	00300	04.03											
23.4	OBS	T00354	04.08											
	STO	00400	04.08											
23.4	OBS	00437	04.08											
	STO	00500	04.19											
23.4	OBS	00520	04.22											
	STO	00600	04.22											
23.4	OBS	00689	04.22											
	STO	00700	04.21											
	STO	00800	04.12											
23.4	OBS	T00855	04.04											

REFID 31 1889	YEAR 1971	80TOP 01150	AIR TEMP 11.6	DIR HGT PER	WIND-OIR 30	INST NANSEN CAST	TEN SQ 1306
CONSEC 0014	MONTH 08	SHIP E1	WET BULB 10.8	30 2 2	WIND-SPO 16	TRACE OIR	5 SQUARE 4
LAT 48 35 N	OAY 28	DATA USE 1	BAROMETR 1026.4	SEA	WIND-FJR	DURATION	2 SQUARE 84
LONG 045 51 W	HOOR 01.6	AREA 05	CLOUD T/A 70	CL/TR	WEATHER X0	ORIG A2 050	1 SQUARE 85

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	UXYG	PO4	TOT P	NO2	NO3	SI03	PH
	STO	00000	11.06											
01.6	OBS	00000	11.06											
	STO	00010	08.64											
	STO	00020	06.41											
01.6	OBS	00027	04.97											
	STO	00030	04.20											
01.6	OBS	00049	01.06											
	STO	00050	01.09											
	STO	00075	01.69											
01.6	OBS	00076	01.71											
01.6	OBS	00099	02.21											
	STO	00100	02.23											
	STO	00125	02.72											
01.6	OBS	00149	03.10											
	STO	00150	03.11											
01.6	OBS	T00199	03.64											
	STO	00200	03.64											
	STO	00250	03.81											
	STO	00300	03.95											
01.6	OBS	00301	03.95											
	STO	00400	04.13											
01.6	OBS	T00403	04.13											
	STO	00500	04.18											
01.6	OBS	00507	04.18											
	STO	00600	04.20											
01.6	OBS	00612	04.20											
	STO	00700	04.11											
	STO	00800	04.01											
01.6	OBS	T00827	03.98											
	STO	00900	03.90											
	STO	01000	03.78											
01.6	OBS	T01040	03.73											

TABLE VI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9-10 November 1971, Prepared from NODC Listing No. 31-8280.

REFID 31 8280	YEAR 1971	BOTUP 00137	AIR TEMP	UIR HGT PER	WIND-DIR	INST STO RECORDER	TEN SQ 1306
CONSEC 0001	MONTH 11	SHIP UG	WET BULB	03 2 3	WIND-SPD	TRACE DIR 0	5 SQUARE 4
LAT 47 00 N	DAY 09	DATA USE 1	BARUMETR	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 66
LONG 047 54 W	HOOR 01.4	AREA 05	CLOUD T/A	CL/TR	WEATHER	ORIG A2 051	1 SQUARE 77

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	UYNPTH	SNO VEL	JXYG	PJ4	TOT P	N02	N03	S103	PH
	STU	00000	01.98	33.11	26.48	00.000	1455.0							
01.4	DBS	00000	01.94	33.11	26.48		1455.6							
	STU	00010	02.11	33.16	26.51	00.015	1456.4							
	DBS	00010	02.11	33.16	26.51		1456.4							
	STU	00020	02.20	33.19	26.53	00.031	1457.0							
	DBS	00020	02.20	33.19	26.53		1457.0							
	STU	00030	02.22	33.24	26.57	00.046	1457.3							
	DBS	00030	02.22	33.24	26.57		1457.3							
	DBS	00040	02.26	33.26	26.58		1457.7							
	STU	00050	02.41	33.30	26.60	00.075	1458.6							
	DBS	00050	02.41	33.30	26.60		1458.6							
	DBS	00070	- 1.03	33.08	26.62		1463.0							
	STU	00075	- 1.09	33.19	26.72	00.110	1462.9							
	DBS	00080	- 1.12	33.28	26.79		1463.3							
	DBS	00090	- 1.05	33.36	26.85		1463.6							
	STU	00100	- 0.98	33.40	26.88	00.141	1464.2							
	DBS	00100	- 0.94	33.40	26.88		1464.2							
	DBS	00115	- 0.80	33.56	27.06		1465.5							

REFID 31 8280	YEAR 1971	BOTUP 00168	AIR TEMP 03.1	UIR HGT PLR	WIND-DIR 17	INST STO RECORDER	TEN SQ 1306
CONSEC 0002	MONTH 11	SHIP UG	WET BULB 03.1	03 2 3	WIND-SPD 13	TRACE DIR 0	5 SQUARE 4
LAT 47 00 N	DAY 09	DATA USE 1	BARUMETR 1015.3	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 66
LONG 047 54 W	HOOR 04.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG A2 051	1 SQUARE 77

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	UYNPTH	SNO VEL	JXYG	PJ4	TOT P	N02	N03	S103	PH
	STU	00000	02.98	33.05	26.35	00.060	1459.9							
04.9	DBS	00000	02.96	33.05	26.35		1459.9							
	DBS	00005	02.97	33.05	26.36		1459.9							
	STU	00010	02.65	33.02	26.36	00.017	1458.6							
	DBS	00010	02.65	33.02	26.36		1458.6							
	DBS	00013	02.33	33.12	26.46		1457.4							
	STU	00020	02.55	33.32	26.61	00.032	1458.7							
	DBS	00020	02.55	33.32	26.61		1458.7							
	DBS	00028	02.90	33.37	26.62		1460.4							
	STU	00030	02.75	33.36	26.62	00.047	1459.8							
	DBS	00030	02.75	33.36	26.62		1459.8							
	STU	00050	- 0.20	33.14	26.64	00.075	1466.6							
	DBS	00050	- 0.20	33.14	26.64		1466.6							
	DBS	00060	- 0.43	33.27	26.77		1463.6							
	DBS	00070	- 0.98	33.33	26.82		1463.6							
	STU	00075	- 0.96	33.33	26.82	00.108	1463.8							
	DBS	00080	- 0.95	33.36	26.84		1463.9							
	DBS	00090	- 0.94	33.47	26.93		1464.3							
	STU	00100	- 0.87	33.54	26.95	00.137	1464.9							
	DBS	00100	- 0.87	33.54	26.95		1464.9							
	STU	00125	- 0.37	33.70	27.10	00.162	1467.8							
	DBS	00125	- 0.37	33.70	27.10		1467.8							
	DBS	00145	- 0.06	33.73	27.11		1469.6							

REFID 31 8280	YEAR 1971	BOTUP 00220	AIR TEMP 02.5	UIR HGT PER	WIND-DIR 17	INST STO RECORDER	TEN SQ 1306
CONSEC 0003	MONTH 11	SHIP UG	WET BULB 02.5	03 2 3	WIND-SPD 13	TRACE DIR 0	5 SQUARE 4
LAT 47 00 N	DAY 09	DATA USE 1	BARUMETR 1016.0	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 66
LONG 047 30 W	HOOR 05.9	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG A2 051	1 SQUARE 77

CASNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	UYNPTH	SNO VEL	JXYG	PJ4	TOT P	N02	N03	S103	PH
	STU	00000	02.05	33.16	26.52	00.000	1456.0							
05.9	DBS	00000	02.05	33.16	26.52		1456.0							
	DBS	00005	02.04	33.16	26.52		1456.0							
	STU	00010	02.09	33.20	26.55	00.015	1456.4							
	DBS	00010	02.09	33.20	26.55		1456.4							
	DBS	00015	02.49	33.30	26.60		1458.3							
	STU	00020	02.53	33.38	26.66	00.030	1458.7							
	DBS	00020	02.53	33.38	26.66		1458.7							
	STU	00030	02.64	33.54	26.77	00.043	1459.6							
	DBS	00030	02.64	33.54	26.77		1459.6							
	DBS	00040		33.34										
	STU	00050	01.17	33.21	26.62 *	00.070	1452.9							
	DBS	00050	01.17	33.21	26.62		1452.9							
	STU	00075	- 0.78	33.32	26.81	00.104	1444.6							
	DBS	00075	- 0.78	33.32	26.81		1444.6							
	STU	00100	- 0.69	33.65	27.07	00.132	1445.9							
	DBS	00100	- 0.69	33.65	27.07		1445.9							
	STU	00125	- 0.30	33.82	27.19	00.155	1448.3							
	DBS	00125	- 0.30	33.82	27.19		1448.3							
	STU	00150	00.26	33.95	27.27	00.176	1451.5							
	DBS	00150	00.26	33.95	27.27		1451.5							
	DBS	00175	01.13	34.09	27.33		1456.0							
	DBS	00195	01.30	34.15	27.36		1457.2							

TABLE VI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9-10 November 1971, Prepared from NODC Listing No. 31-8280.—Continued

REFID 31 8280	YEAR 1971	OUTOP 00846	AIR TEMP 03.7	WIK HGT PER	WIND-DIR 15	INST STD RECORDER	TEN SQ 1306
CUNSEC 0004	MONTH 11	SHIP DG	WET BULB 03.4	03 2 3	WIND-SPD 15	TRACE DIR 0	5 SQUARE 4
LAT 47 00 N	DAY 09	DATA USE 1	BAROMETR 1010.5	SEA	WIND-FUR	DURATION 00.1	2 SQUARE 66
LONG 047 14 W	HOOR 07.7	AREA 05	CLOUD T/A	CL/Tk	WEATHER X4	CRIG A2 G51	1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	UXYG	PJ4	TCT P	ND2	ND3	SID3	PH
07.7	STD	00000	06.31	33.60	26.43	00.100	1474.5							
	DBS	00000	06.31	33.60	26.43		1474.5							
	STD	00010	06.31	33.60	26.43	00.010	1474.6							
	DBS	00010	06.31	33.60	26.43		1474.6							
	STD	00020	06.30	33.59	26.42	00.032	1474.7							
	DBS	00020	06.30	33.59	26.42		1474.7							
	STD	00030	05.87	33.68	26.55	00.048	1473.3							
	DBS	00030	05.87	33.68	26.55		1473.3							
	STD	00050	05.26	33.69	26.63	00.077	1471.2							
	DBS	00050	05.26	33.69	26.63		1471.2							
	STD	00075	02.55	33.71	26.92	00.107	1460.1							
	DBS	00075	02.55	33.71	26.92		1460.1							
	STD	00100	02.11	34.41	27.51	00.131	1459.6							
	DBS	00100	02.11	34.41	27.51		1459.6							
	STD	00125	02.90	34.55	27.56	00.145	1463.6							
	DBS	00125	02.90	34.55	27.56		1463.6							
	STD	00150	03.05	34.59	27.58	00.159	1464.7							
	DBS	00150	03.05	34.59	27.58		1464.7							
	STD	00175	03.20	34.64	27.60		1465.9							
	DBS	00175	03.20	34.64	27.60		1465.9							
	STD	00200	03.43	34.70	27.63	00.184	1467.3							
	DBS	00200	03.43	34.70	27.63		1467.3							
	STD	00250	03.79	34.75	27.63	00.209	1469.8							
	DBS	00250	03.79	34.75	27.63		1469.8							
	STD	00300	03.82	34.78	27.65	00.233	1470.7							
	DBS	00300	03.82	34.78	27.65		1470.7							
	STD	00400	03.84	34.81	27.67	00.280	1472.5							
	DBS	00400	03.84	34.81	27.67		1472.5							
	STD	00500	03.80	34.82	27.69	00.327	1474.0							
	DBS	00500	03.80	34.82	27.69		1474.0							
	STD	00600	03.77	34.83	27.70	00.373	1475.6							
	DBS	00600	03.77	34.83	27.70		1475.6							
	STD	00700	03.74	34.84	27.71	00.419	1477.1							
	DBS	00700	03.74	34.84	27.71		1477.1							
	STD	00800	03.74	34.85	27.72	00.465	1478.8							
	DBS	00800	03.74	34.85	27.72		1478.8							
	STD	00850	03.75	34.85	27.71		1479.7							
	DBS	00850	03.75	34.85	27.71		1479.7							

REFID 31 8290	YEAR 1971	OUTOP 01097	AIR TEMP 07.0	WIK HGT PER	WIND-DIR 14	INST STD RECORDER	TEN SQ 1306
CUNSEC 0005	MONTH 11	SHIP DG	WET BULB 06.6	03 1 3	WIND-SPD 21	TRACE DIR 0	5 SQUARE 4
LAT 47 00 N	DAY 09	DATA USE 1	BAROMETR 1015.0	SEA	WIND-FUR	DURATION 00.4	2 SQUARE 66
LONG 046 59 W	HOOR 09.7	AREA 05	CLOUD T/A	CL/Tk	WEATHER X1	CRIG A2 G51	1 SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	UXYG	PJ4	TCT P	ND2	ND3	SID3	PH
09.7	STD	00000	06.57	33.06	25.97	00.000	1474.8							
	DBS	00000	06.57	33.06	25.97		1474.8							
	STD	00010	06.56	33.16	26.05	00.020	1475.1							
	DBS	00010	06.56	33.16	26.05		1475.1							
	STD	00015	06.42	33.19	26.09		1474.6							
	DBS	00020	06.40	33.22	26.12	00.039	1474.7							
	STD	00020	06.40	33.22	26.12		1474.7							
	STD	00030	06.28	33.31	26.21	00.059	1474.5							
	DBS	00030	06.28	33.31	26.21		1474.5							
	STD	00050	04.27	33.81	26.83	00.089	1467.2							
	DBS	00050	04.27	33.81	26.83		1467.2							
	STD	00075	03.47	34.44	27.42	00.112	1465.1							
	DBS	00075	03.47	34.44	27.42		1465.1							
	STD	00100	04.28	34.60	27.46	00.129	1469.1							
	DBS	00100	04.28	34.60	27.46		1469.1							
	STD	00125	03.75	34.53	27.46	00.145	1467.2							
	DBS	00125	03.75	34.53	27.46		1467.2							
	STD	00150	03.09	34.60	27.58	00.160	1464.9							
	DBS	00150	03.09	34.60	27.58		1464.9							
	STD	00175	03.42	34.69	27.62		1466.9							
	DBS	00175	03.42	34.69	27.62	00.185	1467.9							
	STD	00200	03.55	34.71	27.62		1467.9							
	DBS	00200	03.55	34.71	27.62	00.209	1471.1							
	STD	00250	04.09	34.82	27.66		1471.1							
	DBS	00250	04.09	34.82	27.66	00.233	1473.2							
	STD	00300	04.37	34.86	27.66		1473.2							
	DBS	00300	04.37	34.86	27.66	00.279	1475.0							
	STD	00400	04.39	34.91	27.69		1475.0							
	DBS	00400	04.39	34.91	27.69	00.324	1476.2							
	STD	00500	04.28	34.92	27.71		1476.2							
	DBS	00500	04.28	34.92	27.71	00.368	1477.7							
	STD	00600	04.25	34.93	27.73		1477.7							
	DBS	00600	04.25	34.93	27.73	00.413	1479.0							
	STD	00700	04.17	34.93	27.73		1479.0							
	DBS	00700	04.17	34.93	27.73	00.450	1480.2							
	STD	00800	04.04	34.93	27.75		1480.2							
	DBS	00800	04.04	34.93	27.75	00.501	1481.6							
	STD	00900	04.00	34.92	27.74		1481.6							
	DBS	00900	04.00	34.92	27.74	00.545	1483.2							
	STD	01000	03.97	34.93	27.76		1483.2							
	DBS	01000	03.97	34.93	27.76		1483.2							
	STD	01040	03.84	34.93	27.77		1483.3							
	DBS	01040	03.84	34.93	27.77		1483.3							

TABLE VI. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9-10 November 1971, Prepared from NODC Listing No. 31-8280.--Continued

REF ID	31 8280	YEAR	1971	CTDUP	00041	AIR TEMP	09.0	DIR HGT PER	WIND-DIR	12	INST STD RECORDER	TEN SU	1306
CONSEC	0006	MONTH	11	SHIP UG		WET HULB	07.8	12 2 2	WIND-SPD	13	TRACE DIR	0	5 SQUARE 4
LAT	47 03 N	DAY	09	DATA USE	1	BAROMETR	1017.1	SFA	WIND-FOR		DURATION	00.4	2 SQUARE 66
LONG	046 45 W	HOOR	11.8	AREA	05	CLOUD T/A		CL/TR	WEATHER	X0	ORIG	A2 057	1 SQUARE 76

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	XYG	P34	TOT P	N02	N03	S103	PH
11.8	STD	00000	07.17	32.86	25.73	00.000	1476.9							
	DBS	00000	07.17	32.86	25.73		1476.9							
	STD	00010	07.08	32.33	25.80	00.022	1476.8							
	DBS	00010	07.08	32.33	25.80		1476.8							
	STD	00020	07.06	32.95	25.82	00.044	1476.9							
	DBS	00020	07.06	32.95	25.82		1476.9							
	STD	00030	07.03	33.18	26.00	00.065	1477.3							
	DBS	00030	07.03	33.18	26.00		1477.3							
	STD	00050	06.56	33.64	26.47	00.101	1476.4							
	DBS	00050	06.56	33.64	26.47		1476.4							
	STD	00075	06.75	34.13	26.79	00.137	1478.2							
	DBS	00075	06.75	34.13	26.79		1478.2							
	STD	00100	03.32	34.32	27.33	00.163	1464.7							
	DBS	00100	03.32	34.32	27.33		1464.7							
	STD	00125	04.01	34.61	27.50	00.160	1468.4							
	DBS	00125	04.01	34.61	27.50		1468.4							
	DBS	00130	04.07	34.63	27.51		1468.4							
	DBS	00140	03.90	34.61	27.51		1468.2							
	STD	00150	03.91	34.67	27.55	00.194	1468.5							
	DBS	00150	03.91	34.67	27.55		1468.5							
	DBS	00190	03.88	34.72	27.60		1469.1							
	STD	00200	04.05	34.76	27.61	00.221	1470.0							
	DBS	00200	04.05	34.76	27.61		1470.0							
	DBS	00210	04.18	34.78	27.61		1470.8							
	STD	00250	04.38	34.46	27.66	00.245	1472.4							
	DBS	00250	04.38	34.66	27.66		1472.4							
	DBS	00270	04.19	34.82	27.64		1471.9							
	DBS	00290	04.39	34.88	27.67		1473.1							
	STD	00300	04.34	34.87	27.67	00.269	1473.0							
	DBS	00300	04.34	34.87	27.67		1473.0							
	DBS	00310	04.21	34.84	27.66		1472.6							
	DBS	00365	04.66	34.95	27.70		1475.6							
	STD	00400	04.52	34.92	27.64	00.315	1475.5							
	DBS	00400	04.52	34.92	27.64		1475.5							
	DBS	00420	04.47	34.92	27.69		1475.6							
	DBS	00475	04.50	34.93	27.70		1476.7							
	STD	00500	04.32	34.92	27.71	00.360	1476.3							
	DBS	00500	04.32	34.92	27.71		1476.3							
	DBS	00540	04.31	34.92	27.71		1477.0							
	DBS	00552	04.19	34.90	27.71		1476.6							
	DBS	00572	04.35	34.94	27.72		1477.7							
	DBS	00590	04.23	34.92	27.72		1477.4							
	STD	00600	04.39	34.95	27.73	00.405	1478.3							
	DBS	00600	04.39	34.95	27.73		1478.3							
	STD	00700	04.19	34.94	27.74	00.444	1479.1							
	DBS	00700	04.19	34.94	27.74		1479.1							
	STD	00800	04.06	34.94	27.75	00.492	1480.3							
	DBS	00800	04.06	34.94	27.75		1480.3							

REF ID	31 8280	YEAR	1971	CTDUP	00295	AIR TEMP		DIR HGT PER	WIND-DIR		INST STD RECORDER	TEN SU	1306
CONSEC	0007	MONTH	11	SHIP UG		WET HULB			WIND-SPD		TRACE DIR	0	5 SQUARE 4
LAT	47 00 N	DAY	09	DATA USE	1	BAROMETR		SEA	WIND-FOR		DURATION	00.2	2 SQUARE 66
LONG	046 31 W	HOOR	14.0	AREA	05	CLOUD T/A		CL/TR	WEATHER		ORIG	A2 051	1 SQUARE 76

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	XYG	P34	TOT P	N02	N03	S103	PH
14.0	STD	00000	07.49	32.71	25.57	00.000	1474.0							
	DBS	00000	07.49	32.71	25.57		1474.0							
	STD	00010	07.48	32.71	25.57	00.024	1478.1							
	DBS	00010	07.46	32.71	25.57		1478.1							
	STD	00020	07.46	32.71	25.58	00.048	1478.2							
	DBS	00020	07.46	32.71	25.58		1478.2							
	STD	00030	04.60	33.21	26.32	00.064	1467.5							
	STD	00050	01.67	33.92	27.15	00.096	1456.1							
	DBS	00050	01.67	33.92	27.15		1456.1							
	STD	00075	03.22	34.29	27.32	00.117	1463.8							
	DBS	00075	03.22	34.29	27.32		1463.8							
	DBS	00065	03.68	34.42	27.38		1460.1							
	DBS	00090	03.37	34.46	27.36		1464.8							
	STD	00100	03.92	34.56	27.47	00.134	1467.4							
	DBS	00100	03.92	34.56	27.47		1467.6							
	DBS	00105	04.14	34.64	27.51		1468.7							
	DBS	00110	04.04	34.62	27.50		1468.3							
	STD	00125	04.26	34.69	27.53	00.149	1464.6							
	DBS	00125	04.26	34.69	27.53		1464.6							
	DBS	00140	04.14	34.70	27.55		1464.3							
	STD	00150	04.12	34.76	27.60	00.163	1469.5							
	DBS	00150	04.12	34.76	27.60		1469.5							
	DBS	00175	04.32	34.80	27.61		1470.8							
	STD	00200	04.29	34.84	27.65	00.187	1471.2							
	DBS	00200	04.29	34.84	27.65		1471.2							
	DBS	00245	04.24	34.85	27.66		1471.4							
	STD	00250	04.28	34.85	27.66	00.211	1472.0							
	DBS	00270	04.23	34.86	27.67		1472.1							

TABLE VI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9-10 November 1971, Prepared from NODC Listing No. 31-8280.—Continued

REFID 31 8280	YEAR 1971	BOTDP 00329	AIR TEMP	DIR FGT PER	WIND-DIR	INST STO RECORDER	TEN SQ 1306
CONSEC 0008	MONTH 11	SHIP DG	WET BULB		WIND-SPD	TRACE DIR 0	5 SQUARE 4
LAT 47 00 N	DAY 09	DATA USE 1	BAROMETR	SEA	WIND-FUR	DURATION 00.1	2 SQUARE 66
LONG 046 10 W	HOOR 16.1	AREA 05	CLGUD T/A	CL/TR	WEATHER	ORIG A2 051	1 SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	P04	TOT P	NU2	NU3	S103	PH
16.1	STD	0000J	07.09	32.74	25.65	00.000	1470.4							
	DBS	00000	07.09	32.74	25.65		1476.4							
	STD	0001J	07.09	32.74	25.65	00.023	1470.6							
	DBS	00010	07.09	32.74	25.65		1476.6							
	STD	0002J	06.54	32.89	25.84	00.040	1474.8							
	DBS	00020	06.54	32.89	25.84		1474.8							
	STD	0003J	06.33	33.24	26.14	00.066	1474.6							
	DBS	00030	06.33	33.24	26.14		1474.6							
	STD	0005J	04.59	33.31	26.40	00.102	1467.9							
	DBS	00050	04.59	33.31	26.40		1467.9							
	STD	0007J	04.07	33.80	26.78	00.138	1469.3							
	DBS	00075	04.07	33.80	26.78		1469.3							
	STD	0010J	05.47	34.15	26.97	00.168	1473.4							
	DBS	00103	05.47	34.15	26.97		1473.4							
	STD	0012J	03.03	34.44	27.46	00.190	1464.0							
	DBS	00125	03.03	34.44	27.46		1464.0							
	STD	0015J	03.89	34.62	27.52	00.205	1468.4							
	DBS	0015J	03.89	34.62	27.52		1468.4							
	DBS	0017J	04.25	34.72	27.56		1470.4							
	STD	0020J	04.48	34.78	27.58	00.233	1471.9							
	DBS	00200	04.48	34.78	27.58		1471.9							
	STD	0025J	04.41	34.86	27.65	00.259	1472.5							
	DBS	00250	04.41	34.86	27.65		1472.5							
	DBS	0027J	04.31	34.85	27.66		1472.5							

REFID 31 8280	YEAR 1971	BOTDP 00292	AIR TEMP	DIR FGT PER	WIND-DIR	INST STO RECORDER	TEN SQ 1306
CONSEC 0009	MONTH 11	SHIP DG	WET BULB		WIND-SPD	TRACE DIR 0	5 SQUARE 4
LAT 47 00 N	DAY 09	DATA USE 1	BAROMETR	SEA	WIND-FUR	DURATION 00.2	2 SQUARE 64
LONG 045 50 W	HOOR 17.9	AREA 05	CLGUD T/A	CL/TR	WEATHER	ORIG A2 051	1 SQUARE 75

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	P04	TOT P	NU2	NU3	S103	PH
17.9	STD	00000	06.51	32.89	25.85	00.000	1474.3							
	DBS	00000	06.51	32.89	25.85		1474.3							
	STD	00010	06.51	32.90	25.85	00.022	1474.5							
	DBS	00010	06.51	32.90	25.85		1474.5							
	STD	00020	06.33	32.93	25.90	00.043	1474.0							
	DBS	00020	06.33	32.93	25.90		1474.0							
	STD	00030	05.07	33.10	26.19	00.063	1469.3							
	DBS	00030	05.07	33.10	26.19		1469.3							
	STD	00050	05.09	33.66	26.63	00.095	1470.4							
	DBS	00050	05.09	33.66	26.63		1470.4							
	STD	0007J	05.87	34.02	26.82	00.129	1474.5							
	DBS	00075	05.87	34.02	26.82		1474.5							
	STD	00100	05.90	34.33	27.06	00.157	1475.4							
	DBS	00100	05.90	34.33	27.06		1475.4							
	STD	0012J	02.93	34.46	27.48	00.178	1463.6							
	DBS	00125	02.93	34.46	27.48		1463.6							
	STD	0015J	03.61	34.60	27.53	00.193	1467.1							
	DBS	00150	03.61	34.60	27.53		1467.1							
	DBS	0017J	04.07	34.71	27.57		1469.6							
	STD	00200	04.51	34.79	27.59	00.221	1472.0							
	DBS	00200	04.51	34.79	27.59		1472.0							
	DBS	0024J	04.47	34.83	27.62		1472.6							

TABLE VI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9-10 November 1971, Prepared from NODC Listing No. 31-8280.—Continued

REFID 31 8280	YEAR 1971	BOATOP 00302	AIR TEMP 04.9	DIR HGT PER	WIND-DIR 17	INST STD RECORDER	TEN SW 1306
CONSEC 0010	MONTH 11	SHIP OG	WET DULB 06.7	17 4 3	WIND-SPO 24	TRACE DIR 0	5 SQUARE 4
LAT 47 20 N	DAY 09	DATA USE 1	BAROMETR 1012.5	SLA	WIND-FUR	DURATION 00.1	2 SQUARE 64
LONG 045 50 W	HOUR 20.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG A2 051	1 SQUARE 75

CASINUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PJ4	TOT P	N02	N03	S113	PH
20.8	STO	00000	06.43	32.45	25.90	00.003	1474.1							
	UBS	00000	06.43	32.45	25.90		1474.1							
	STO	00010	06.43	32.46	25.91	00.021	1474.3							
	UBS	00010	06.43	32.46	25.91		1474.3							
	STO	00020	06.43	32.46	25.91	00.042	1474.4							
	UBS	00020	06.43	32.46	25.91		1474.4							
	STO	00025	06.34	32.46	25.92		1474.2							
	UBS	00030	06.24	33.03	25.99	00.063	1473.9							
	STO	00030	06.24	33.03	25.99		1473.9							
	UBS	00050	00.95	33.62	26.96	00.094	1452.5							
	STO	00075	02.04	34.12	27.29	00.113	1454.5							
	UBS	00075	02.04	34.12	27.29		1454.5							
	STO	00090	03.57	34.34	27.33		1455.0							
	UBS	00100	03.04	34.28	27.33	00.131	1463.4							
	STO	00100	03.04	34.28	27.33		1463.4							
	UBS	00110	02.79	34.24	27.32		1462.5							
	STO	00125	03.43	34.40	27.45	00.155	1466.0							
	UBS	00125	03.43	34.40	27.45		1466.0							
	STO	00135	04.00	34.54	27.44		1468.5							
	UBS	00140	03.72	34.50	27.44		1467.3							
	STO	00145	04.03	34.56	27.46		1468.8							
	UBS	00150	03.83	34.54	27.46	00.171	1468.0							
	STO	00150	03.83	34.54	27.46		1469.0							
	UBS	00175	04.44	34.72	27.53		1471.4							
	STO	00185	04.38	34.69	27.52		1471.1							
	UBS	00200	04.73	34.79	27.56	00.201	1472.9							
	STO	00200	04.73	34.79	27.56		1472.9							
	UBS	00250	04.50	34.81	27.60	00.228	1472.8							
	STO	00250	04.50	34.81	27.60		1472.8							
	UBS	00275	04.47	34.84	27.63		1473.1							

REFID 31 8280	YEAR 1971	BOATOP 00375	AIR TEMP 04.9	DIR HGT PER	WIND-DIR 17	INST STD RECORDER	TEN SW 1306
CONSEC 0011	MONTH 11	SHIP OG	WET DULB 06.7	17 4 3	WIND-SPO 24	TRACE DIR 0	5 SQUARE 4
LAT 47 40 N	DAY 09	DATA USE 1	BAROMETR 1012.5	SLA	WIND-FUR	DURATION 00.2	2 SQUARE 64
LONG 045 50 W	HOUR 23.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG A2 051	1 SQUARE 75

CASINUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PJ4	TOT P	N02	N03	S113	PH
23.3	STO	00000	06.56	32.40	25.85	00.000	1474.5							
	UBS	00000	06.56	32.40	25.85		1474.5							
	STO	00010	06.54	32.45	25.89	00.021	1474.7							
	UBS	00010	06.54	32.45	25.89		1474.7							
	STO	00020	06.36	33.19	26.10	00.042	1474.5							
	UBS	00020	06.36	33.19	26.10		1474.5							
	STO	00030	06.41	33.24	26.13	00.061	1474.9							
	UBS	00030	06.41	33.24	26.13		1474.9							
	STO	00050	05.85	33.44	26.36	00.094	1473.2							
	UBS	00050	05.85	33.44	26.36		1473.2							
	STO	00075	02.20	34.07	27.23	00.128	1459.1							
	UBS	00075	02.20	34.07	27.23		1459.1							
	STO	00100	02.21	34.37	27.47	00.146	1460.0							
	UBS	00100	02.21	34.37	27.47		1460.0							
	STO	00125	02.79	34.52	27.54	00.161	1463.1							
	UBS	00125	02.79	34.52	27.54		1463.1							
	STO	00150	04.27	34.79	27.61	00.175	1470.2							
	UBS	00150	04.27	34.79	27.61		1470.2							
	STO	00200	04.57	34.85	27.63	00.203	1472.3							
	UBS	00200	04.57	34.85	27.63		1472.3							
	STO	00250	04.55	34.89	27.66	00.224	1473.1							
	UBS	00250	04.55	34.89	27.66		1473.1							
	STO	00300	04.39	34.90	27.65	00.247	1473.3							
	UBS	00300	04.39	34.90	27.65		1473.3							
	STO	00325	04.37	34.92	27.70		1473.7							
	UBS	00325	04.37	34.92	27.70		1473.7							

TABLE VI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9-10 November 1971, Prepared from NODC Listing No. 31-8280.—Continued

REFID 31 8280	YEAR 1971	BDTOP 00714	AIR TEMP 10.3	DIR HGT PER	WIND-DIR 12	INST STD RECORDER	TEN SQ 1306
CONSEC 0012	MONTH 11	SHIP DG	WET BULB 10.3	12 3 2	WIND-SPD 24	TRACE DIR 0	5 SQUARE 4
LAT 48 03 N	DAY 10	DATA USE 1	BAROMETR 1010.4	SEA	WIND-FUR	DURATION 00.2	2 SQUARE 84
LONG 045 50 W	HOOR 01.3	AREA C5	CLOUD T/A	CL/TK	WEATHER	ORIG A2 051	1 SQUARE 45

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	WYNDPTH	SNO VEL	OXYG	PU4	TOT P	NO2	NO3	SIO3	PH
01.8	STO	00000	06.77	33.46	26.26	00.303	1476.1							
	DBS	00000	06.77	33.46	26.26		1476.1							
	STO	00010	06.77	33.46	26.26	00.316	1476.3							
	DBS	00010	06.77	33.46	26.26		1476.3							
	STO	00020	06.77	33.46	26.26	00.335	1476.4							
	DBS	00020	06.77	33.46	26.26		1476.4							
	STO	00030	06.77	33.46	26.26	00.353	1476.6							
	DBS	00030	06.77	33.46	26.26		1476.6							
	STO	00050	02.18	34.18	27.32	00.374	1458.8							
	DBS	00050	02.18	34.18	27.32		1458.8							
	STO	00075	02.20	34.39	27.49	00.396	1459.5							
	DBS	00075	02.20	34.39	27.49		1459.5							
	STO	00100	02.75	34.49	27.52	00.111	1462.5							
	DBS	00100	02.75	34.49	27.52		1462.5							
	STO	00125	03.03	34.57	27.56	00.125	1464.2							
	DBS	00150	03.35	34.55	27.59	00.138	1466.1							
	DBS	00150	03.35	34.65	27.59		1466.1							
	STO	00200	04.13	34.80	27.64	00.163	1470.4							
	DBS	00200	04.13	34.80	27.64		1470.4							
	STO	00250	04.23	34.84	27.66	00.167	1471.7							
	DBS	00250	04.23	34.84	27.66		1471.7							
	STO	00300	04.38	34.89	27.68	00.210	1473.2							
	DBS	00300	04.38	34.89	27.68		1473.2							
	STO	00400	04.42	34.92	27.70	00.255	1475.1							
	DBS	00400	04.42	34.92	27.70		1475.1							
	STO	00500	04.36	34.92	27.71	00.300	1476.5							
	DBS	00500	04.36	34.92	27.71		1476.5							
	STO	00600	04.23	34.92	27.72	00.345	1477.6							
	DBS	00600	04.23	34.92	27.72		1477.6							
	STO	00700	04.15	34.93	27.74	00.389	1479.0							
	DBS	00700	04.15	34.93	27.74		1479.0							
	STO	00800	04.04	34.92	27.74	00.433	1480.1							
	DBS	00800	04.04	34.92	27.74		1480.1							
	DBS	00865	03.96	34.93	27.76		1480.9							

REFID 31 8280	YEAR 1971	BDTOP 01008	AIR TEMP	DIR HGT PER	WIND-DIR	INST STD RECORDER	TEN SQ 1306
CONSEC 0013	MONTH 11	SHIP DG	WET BULB		WIND-SPD	TRACE DIR 0	5 SQUARE 4
LAT 48 20 N	DAY 10	DATA USE 1	BAROMETR	SEA	WIND-FUR	DURATION 00.3	2 SQUARE 84
LONG 045 50 W	HOOR 04.2	AREA C5	CLOUD T/A	CL/TK	WEATHER	ORIG A2 051	1 SQUARE 85

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	WYNDPTH	SNO VEL	OXYG	PU4	TOT P	NO2	NO3	SIO3	PH
04.2	STO	00000	06.77	33.64	26.40	00.000	1476.4							
	DBS	00000	06.77	33.64	26.40		1476.4							
	STO	00010	06.77	33.64	26.40	00.016	1476.5							
	DBS	00010	06.77	33.64	26.40		1476.5							
	STO	00020	06.77	33.64	26.40	00.033	1476.7							
	DBS	00020	06.77	33.64	26.40		1476.7							
	STO	00030	06.76	33.64	26.40	00.049	1476.8							
	DBS	00030	06.76	33.64	26.40		1476.8							
	STO	00050	05.64	33.84	26.70	00.079	1472.9							
	DBS	00050	05.64	33.84	26.70		1472.9							
	STO	00075	03.61	34.43	27.39	00.105	1465.7							
	DBS	00075	03.61	34.43	27.39		1465.7							
	STO	00100	03.34	34.62	27.57	00.120	1465.2							
	DBS	00100	03.34	34.62	27.57		1465.2							
	STO	00125	03.56	34.73	27.64	00.133	1466.7							
	DBS	00125	03.56	34.73	27.64		1466.7							
	STO	00150	03.90	34.79	27.65	00.144	1468.6							
	DBS	00150	03.90	34.79	27.65		1468.6							
	STO	00200	03.94	34.82	27.67	00.167	1469.7							
	DBS	00200	03.94	34.82	27.67		1469.7							
	STO	00250	03.46	34.85	27.65	00.189	1470.6							
	DBS	00250	03.46	34.85	27.65		1470.6							
	STO	00300	03.92	34.86	27.70	00.211	1471.3							
	DBS	00300	03.92	34.86	27.70		1471.3							
	STO	00350	03.63	34.86	27.71		1471.9							
	STO	00400	03.85	34.86	27.71	00.254	1472.6							
	DBS	00400	03.85	34.86	27.71		1472.6							
	STO	00500	03.74	34.87	27.73	00.297	1474.0							
	DBS	00500	03.74	34.87	27.73		1474.0							
	STO	00600	03.87	34.89	27.73	00.339	1476.1							
	DBS	00600	03.87	34.89	27.73		1476.1							
	STO	00700	03.42	34.91	27.74	00.382	1478.0							
	DBS	00700	03.42	34.91	27.74		1478.0							
	STO	00800	03.86	34.91	27.75	00.425	1479.4							
	DBS	00800	03.86	34.91	27.75		1479.4							
	STO	00900	03.76	34.91	27.76	00.468	1480.6							
	DBS	00900	03.76	34.91	27.76		1480.6							
	DBS	00950	03.73	34.91	27.76		1481.3							

TABLE VI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9-10 November 1971, Prepared from NODC Listing No. 31-8280.—Continued

REFID 31 8280	YEAR 1971	BOTUP 02377	AIR TEMP 10.7	DIR HGT PER	WIND-DIR 17	1-1ST STD RECORDER	TEN SQ 1306
CUNSEC 0014	MONTH 11	SHIP UG	WET BULB 10.3	17 3 4	WIND-SPD 25	TRACE DIR 0	5 SQUARE 4
LAT 48 35 N	DAY 10	DATA USE 1	BAROMETR 1007.0	SEA	WIND-FGR	DURATION 00.2	2 SQUARE 84
LONG 045 50 W	HOUR 07.0	AREA 05	CLOUD T/A	CL/TR	WEATHER XS	CRIG A2 051	1 SQUARE 85

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	UNUPTH	SND VEL	UXYG	PJ4	TOT P	NO2	NO3	SIO3	PH
07.0	STU	00000	06.65	33.63	26.41	00.000	1475.4							
	UBS	00000	06.65	33.63	26.41		1475.9							
	STU	00010	06.65	33.64	26.42	00.015	1476.0							
	UBS	00010	06.65	33.64	26.42		1476.0							
	STU	00020	06.62	33.65	26.43	00.032	1476.1							
	UBS	00020	06.62	33.65	26.43		1476.1							
	STU	00030	06.57	33.66	26.44	00.043	1476.1							
	UBS	00030	06.57	33.66	26.44		1476.1							
	STU	00050	06.48	33.77	26.54	00.080	1476.2							
	UBS	00050	06.48	33.77	26.54		1476.2							
	STU	00075	04.87	34.04	26.95	00.112	1470.4							
	UBS	00075	04.87	34.04	26.95		1470.4							
	STU	00100	04.29	34.12	27.08	00.134	1468.5							
	UBS	00100	04.29	34.12	27.08		1468.5							
	STU	00125	04.92	34.27	27.13	00.164	1471.8							
	UBS	00125	04.92	34.27	27.13		1471.8							
	STU	00150	03.46	34.36	27.35	00.185	1466.2							
	UBS	00150	03.46	34.36	27.35		1466.2							
	STU	00175	03.39	34.39	27.38		1466.3							
	UBS	00200	03.38	34.47	27.45	00.220	1466.3							
	STU	00200	03.38	34.47	27.45		1466.3							
	STU	00250	03.34	34.56	27.52	00.251	1467.6							
	UBS	00250	03.34	34.56	27.52		1467.6							
	STU	00300	03.36	34.65	27.59	00.279	1468.6							
	UBS	00300	03.36	34.65	27.59		1468.6							
	STU	00350	03.34	34.70	27.63		1469.6							
	UBS	00400	03.45	34.75	27.66	00.324	1470.3							
	STU	00450	03.52	34.80	27.70		1472.0							
	UBS	00500	03.64	34.84	27.72	00.374	1473.4							
	STU	00500	03.64	34.84	27.72		1473.4							
	STU	00600	03.93	34.89	27.73	00.417	1476.3							
	UBS	00600	03.93	34.89	27.73		1476.3							
	STU	00700	03.85	34.92	27.76	00.460	1477.7							
	UBS	00700	03.85	34.92	27.76		1477.7							
	STU	00800	03.71	34.93	27.78	00.500	1478.8							
	UBS	00800	03.71	34.93	27.78		1478.8							
	STU	00900	03.55	34.93	27.80	00.540	1479.8							
	UBS	00900	03.55	34.93	27.80		1479.8							
	STU	01000	03.44	34.93	27.81	00.578	1481.0							
	UBS	01000	03.44	34.93	27.81		1481.0							
	STU	01100	03.33	34.94	27.82	00.616	1482.4							
	UBS	01100	03.33	34.94	27.82		1482.4							

TABLE VII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 20-22 March 1972, Prepared from NODC Listing No. 31-2030.

REFID 31 2030	YEAR 1972	BUTOP 00135	AIR TEMP 00.8	DIR HGT PER	WIND-DIR 20	INST NANSEN CAST	TEN SQ 1306
CUNSEL 0001	MONTH 03	SHIP 1H	WET BULB 00.0	20 3 2	WIND-SPD 10	TRACE DIR	5 SQUARE 4
LAT 46 59.5N	DAY 20	DATA USE 1	BAROMETR 1010.5	SEA	WIND-FOR	DURATION	2 SQUARE 68
LONG 046 00.5W	HOUR 23.7	AREA 05	CLOUD T/A X/Y	CL/TR	WEATHER X4	UKIG A2 052	1 SQUARE 68

CSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	UYNPTH	SND VEL	UXYG	PJ4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	- 1.48	32.91	26.50									
23.7	UBS	00000	- 1.48	32.909	26.50	00.000	1439.5							
	STD	00010	- 1.50	32.93	26.51									
	STD	00020	- 1.54	32.95	26.53									
23.7	UBS	00025	- 1.57	32.965	26.54									
	STD	00030	- 1.63	32.98	26.56	00.046	1439.4							
23.7	UBS	00049	- 1.76	33.021	26.59									
	STD	00050	- 1.76	33.02	26.59	00.075	1439.1							
23.7	UBS	00074	- 1.75	33.026	26.60									
	STD	00075	- 1.75	33.03	26.60	00.111	1439.6							
23.7	UBS	00098	- 1.71	33.064	26.63									
	STD	00100	- 1.66	33.09	26.64	00.147	1440.5							
23.7	UBS	00108	- 1.58	33.202	26.73									

REFID 31 2030	YEAR 1972	BUTOP 00175	AIR TEMP 00.3	DIR HGT PER	WIND-DIR 22	INST NANSEN CAST	TEN SQ 1306
CUNSEL 0002	MONTH 03	SHIP 1H	WET BULB 00.0	21 3 2	WIND-SPD 12	TRACE DIR	5 SQUARE 4
LAT 47 00 N	DAY 21	DATA USE 1	BAROMETR 1010.5	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 047 43 W	HOUR 03.4	AREA 05	CLOUD T/A X/Y	CL/TR	WEATHER X4	UKIG A2 052	1 SQUARE 77

CSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	UYNPTH	SND VEL	UXYG	PJ4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	- 1.54	32.86	26.46									
03.4	UBS	00000	- 1.54	32.858	26.46	00.000	1439.1							
	STD	00010	- 1.65	32.96	26.54									
	STD	00020	- 1.73	33.03	26.60	00.030	1438.8							
03.4	UBS	00025	- 1.75	33.060	26.62									
	STD	00030	- 1.75	33.07	26.63	00.044	1439.0							
	STD	00050	- 1.73	33.09	26.65	00.073	1439.4							
03.4	UBS	00050	- 1.73	33.087	26.65									
03.4	UBS	00074	- 1.72	33.089	26.65									
	STD	00075	- 1.72	33.09	26.65	00.106	1439.9							
03.4	UBS	00099	- 1.69	33.115	26.67									
	STD	00100	- 1.69	33.12	26.67	00.142	1440.5							
	STD	00125	- 1.56	33.27	26.79	00.175	1441.7							
03.4	UBS	00149	- 1.36	33.535	27.00									

REFID 31 2030	YEAR 1972	BUTOP 00220	AIR TEMP 00.3	DIR HGT PER	WIND-DIR 25	INST NANSEN CAST	TEN SQ 1306
CUNSEL 0003	MONTH 03	SHIP 1H	WET BULB 00.0	21 3 2	WIND-SPD 07	TRACE DIR	5 SQUARE 4
LAT 47 00 N	DAY 21	DATA USE 1	BAROMETR 1010.4	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 047 20 W	HOUR 05.0	AREA 05	CLOUD T/A X/Y	CL/TR	WEATHER X4	UKIG A2 052	1 SQUARE 77

CSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	UYNPTH	SND VEL	UXYG	PJ4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	- 1.63	32.87	26.47									
05.0	UBS	00000	- 1.63	32.872	26.47	00.000	1438.7							
	STD	00010	- 1.72	32.96	26.54									
	STD	00020	- 1.77	33.02	26.59	00.030	1438.6							
05.0	UBS	00023	- 1.78	33.033	26.60									
	STD	00030	- 1.77	33.03	26.60	00.045	1438.8							
05.0	UBS	00047	- 1.75	33.039	26.61									
	STD	00050	- 1.71	33.06	26.63	00.073	1439.5							
05.0	UBS	00070	- 1.52	33.193	26.73									
	STD	00075	- 1.51	33.20	26.73	00.107	1441.0							
05.0	UBS	00094	- 1.49	33.240	26.77									
	STD	00100	- 1.48	33.25	26.77	00.140	1441.6							
	STD	00125	- 1.46	33.31	26.82	00.171	1442.2							
05.0	UBS	00147	- 1.44	33.355	26.86									
	STD	00150	- 1.39	33.39	26.91	00.201	1443.3							
05.0	UBS	00183	- 0.76	33.544	26.99									

TABLE VII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 20-22 March 1972, Prepared from NODC Listing No. 31-2030.—Continued

REFID	31	2030	YEAR	1972	HUTOP	00530	AIR TEMP	03.4	DIR HGT PER	WIND-DIR	05	INST	NANSEN	CST	TEN SQ	1306	
CONSEC	0004		MONTH	03	SHIP	1H	WET BULB	02.6	22	3	2	WIND-SPD	09	TRACE	DIR	5 SQUARE	4
LAT	47 00 N		DAY	21	DATA	USE	BAROMETR	1013.6	SEA			WIND-FJR		DURATION		2 SQUARE	66
LONG	047 14.5W		MOON	09.3	AREA	05	CLCUD	T/4	1/6	CL/TK		WEATHER	X2	ORIG	A2 052	1 SQUARE	77

CASIDNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	UXYG	P04	TGT P	N02	N03	S103	PH
09.3	STO	00000	- 1.60	32.35	25.45	00.000	1438.8							
	08S	00000	- 1.60	32.355	25.45		1438.9							
	STO	00010	- 1.64	32.40	25.49	00.016	1438.9							
	STO	00020	- 1.66	32.47	25.55	00.031	1439.1							
09.3	08S	00021		32.981										
	STO	00030	- 1.68	33.10	25.65	00.045	1439.3							
09.3	08S	00042	- 1.68	33.197	25.73		1439.6							
	STO	00050	- 1.66	33.21	25.74	00.072	1439.9							
09.3	08S	00063	- 1.65	33.227	25.76		1440.2							
	STO	00075	- 1.69	33.25	25.77	00.105	1440.2							
09.3	08S	00085	- 1.73	33.282	25.80		1440.2							
	STO	00100	- 0.93	33.41	25.89	00.135	1444.5							
	STO	00125	- 0.03	33.59	25.99	00.163	1449.3							
09.3	08S	00127	00.02	33.600	27.00		1449.5							
	STO	00150	00.07	33.71	27.08	00.189	1450.3							
09.3	08S	000174	00.13	33.776	27.13		1451.1							

REFID	31	2030	YEAR	1972	HUTOP	01047	AIR TEMP	-00.3	DIR HGT PER	WIND-DIR	04	INST	NANSEN	CST	TEN SQ	1306	
CONSEC	0005		MONTH	03	SHIP	1H	WET BULB	-00.3	19	2	4	WIND-SPD	09	TRACE	DIR	5 SQUARE	4
LAT	47 06 N		DAY	21	DATA	USE	BAROMETR	1009.5	SEA			WIND-FJR		DURATION		2 SQUARE	66
LONG	047 06 W		MOON	15.4	AREA	05	CLCUD	T/4	5/8	CL/TK		WEATHER	X5	ORIG	A2 052	1 SQUARE	77

CASIDNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	UXYG	P04	TGT P	N02	N03	S103	PH
15.4	STO	00000	- 1.43	32.92	25.51	00.000	1439.7							
	08S	00000	- 1.43	32.924	25.51		1439.7							
	STO	00010	- 1.53	33.10	25.65	00.015	1439.7							
	STO	00020	- 1.60	33.23	25.76	00.023	1439.7							
15.4	08S	00024		33.265										
	STO	00030	- 1.64	33.28	25.80	00.041	1439.7							
15.4	08S	00046	- 1.67	33.330	25.94		1439.9							
	STO	00050	- 1.67	33.35	25.86	00.065	1440.0							
15.4	08S	00069	- 1.60	33.432	25.92		1440.8							
	STO	00075	- 1.57	33.44	25.93	00.095	1441.0							
15.4	08S	00092	- 1.39	33.499	25.97		1442.3							
	STO	00100	- 1.17	33.56	27.01	00.122	1443.5							
	STO	00125	- 0.47	33.75	27.14	00.147	1447.4							
15.4	08S	00136	- 0.17	33.826	27.19		1449.1							
	STO	00150	00.25	33.94	27.26	00.163	1451.4							
15.4	08S	00184	01.16	34.172	27.39		1456.4							
	STO	00200	01.49	34.23	27.42	00.206	1458.3							
	STO	00250	02.41	34.41	27.49	00.238	1463.4							
15.4	08S	00269	02.71	34.470	27.51		1465.1							
	STO	00300	03.15	34.57	27.55	00.268	1467.6							
15.4	08S	00349	03.67	34.706	27.60		1470.8							
	STO	00400	03.93	34.79	27.64	00.321	1472.9							
15.4	08S	00432	04.03	34.821	27.66		1473.9							
	STO	00500	04.08	34.85	27.68	00.369	1475.2							
15.4	08S	00507	04.08	34.851	27.68		1475.4							
	STO	00600	04.07	34.87	27.70	00.416	1476.9							
15.4	08S	00645	04.06	34.871	27.70		1477.6							

TABLE VII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 20-22 March 1972, Prepared from NODC Listing No. 31-2030.—Continued

REF ID	31	2030	YEAR	1972	BDTDP	00915	AIR TEMP	00.0	DIR HGT PER	WIND-DIR	03	INST NANSEN	CAS	TEN SO	1306
CUNSEC		0006	MONTH	03	SHIP	1H	WET BULB	00.0	18 2 4	WIND-SPO	21	TRACE DIR		5	SQUARE 4
LAT	46	58.5N	DAY	21	DATA	USE 1	BAROMETER	1009.9	SEA	WIND-FOR		DURATION		2	SQUARE 66
LONG	046	44 W	MOON	19.7	AREA	05	CLOUD T/A	5/8	CL/TR	WEATHER	X5	ORIG	AZ 052	1	SQUARE 66

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	XYG	P34	TOT P	N02	N03	S103	PH
	STD	00000	- 0.64	33.44	26.90	00.000	1444.2							
19.7	DBS	00000	- 0.64	33.439	26.90		1444.2							
	STD	00010	- 0.60	33.50	26.95	00.011	1444.6							
	STD	00020	- 0.56	33.56	26.99	00.022	1445.0							
19.7	DBS	00020	- 0.55	33.606	27.03		1445.4							
	STD	00030	- 0.51	33.62	27.04	00.033	1445.5							
	STD	00050	- 0.19	33.72	27.11	00.053	1447.5							
19.7	DBS	00051	- 0.17	33.726	27.11		1447.6							
	STD	00075	00.43	33.80	27.13	00.077	1450.8							
19.7	DBS	00078	00.53	33.812	27.14		1451.3							
	STD	00100	01.40	33.96	27.20	00.099	1455.8							
19.7	DBS	00101	01.43	33.961	27.20		1456.0							
	STD	00125	01.60	34.06	27.27	00.121	1457.3							
	STD	00150	01.97	34.18	27.34	00.140	1459.5							
19.7	DBS	00150	01.97	34.184	27.34		1459.5							
19.7	DBS	00199	03.28	34.481	27.47		1466.4							
	STD	00200	03.30	34.49	27.47	00.175	1466.5							
	STD	00250	03.93	34.68	27.56	00.205	1470.3							
19.7	DBS	00294	04.29	34.905	27.62		1472.7							
	STD	00300	04.31	34.81	27.63	00.231	1472.9							
19.7	DBS	00387	04.44	34.904	27.58		1474.9							
	STD	00400	04.39	34.90	27.69	00.279	1474.9							
19.7	DBS	00479	04.18	34.902	27.71		1475.4							
	STD	00500	04.19	34.91	27.72	00.324	1475.7							
19.7	DBS	00571	04.18	34.922	27.73		1476.9							
	STD	00600	04.17	34.92	27.73	00.366	1477.4							
	STD	00700	04.05	34.91	27.73	00.412	1478.7							
19.7	DBS	00740	04.04	34.912	27.73		1479.1							

REF ID	31	2030	YEAR	1972	BDTDP	00603	AIR TEMP	-01.0	DIR HGT PER	WIND-DIR	04	INST NANSEN	CAS	TEN SO	1306
CUNSEC		0007	MONTH	03	SHIP	1H	WET BULB	-01.2	18 3 3	WIND-SPO	15	TRACE DIR		5	SQUARE 4
LAT	47	00 N	DAY	21	DATA	USE 1	BAROMETER	1010.0	SEA	WIND-FOR		DURATION		2	SQUARE 66
LONG	046	31 W	MOON	22.9	AREA	05	CLOUD T/A	5/8	CL/TR	WEATHER	X5	ORIG	AZ 052	1	SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	XYG	P34	TOT P	N02	N03	S103	PH
	STD	00000	- 0.27	33.61	27.02	00.000	1446.1							
22.9	DBS	00000	- 0.27	33.610	27.02		1446.1							
	STD	00010	- 0.27	33.61	27.02	00.010	1446.3							
	STD	00020	- 0.26	33.62	27.03	00.021	1446.5							
22.9	DBS	00024	- 0.25	33.629	27.03		1446.6							
	STD	00030	- 0.24	33.65	27.05	00.031	1446.8							
22.9	DBS	00043	- 0.20	33.679	27.07		1447.3							
	STD	00050	- 0.16	33.68	27.07	00.051	1447.6							
22.9	DBS	00066	- 0.03	33.714	27.09		1448.5							
	STD	00075	00.09	33.75	27.12	00.076	1449.2							
22.9	DBS	00085	00.16	33.793	27.15		1449.8							
	STD	00100	00.14	33.83	27.18	00.099	1450.0							
	STD	00125	00.10	33.93	27.26	00.120	1450.3							
22.9	DBS	00127	00.10	33.945	27.27		1450.4							
	STD	00150	00.67	34.10	27.36	00.140	1453.6							
22.9	DBS	00169	01.19	34.221	27.43		1456.4							
	STD	00200	02.57	34.44	27.50	00.173	1463.3							
	STD	00250	04.10	34.70	27.56	00.202	1471.0							
22.9	DBS	00257	04.24	34.730	27.57		1471.7							
	STD	00300	04.47	34.84	27.63	00.221	1473.5							
22.9	DBS	00347	04.56	34.912	27.68		1474.8							
	STD	00400	04.46	34.91	27.69	00.277	1475.3							
22.9	DBS	00442	04.24	34.908	27.71		1475.0							

TABLE VII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SIBERMAN, 20-22 March 1972, Prepared from NODC Listing No. 31-2030,—Continued

REFID 31 2030	YEAR 1972	BOTUP 00310	AIR TEMP 00.8	DIP HGT PER	WIND-OIR 03	INST VANSEY CAST	TEN SQ 1306
CUNSEC 0008	MONTH 03	SHIP 1H	WET BULB 00.1	21 5 3	WIND-SPD 27	TRACE OIR	5 SQUARE 4
LAT 47 03 N	DAY 22	DATA USE 1	BAROMETR 1007.0	SEA	WIND-FGK	DURATION	2 SQUARE 66
LCNG 046 11 W	MOOR 00.4	AREA C5	CLUD T/A 77B	CL/TR	WEATHER X5	ORIG 42 052	1 SQUARE 76

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	JXYG	P34	TOT P	W02	W03	S103	PH
	STC	00000	03.95	34.11	27.11									
	UBS	00000	03.45	34.113	27.11	00.000	1465.5							
	STC	00010					1465.5							
	STC	00020	03.95	34.12	27.11	00.010	1465.6							
	STC	00030	03.96	34.13	27.12	00.017	1465.8							
	STC	00030	03.96	34.13	27.12	00.024	1466.0							
00.9	UBS	00030	03.96	34.132	27.12		1466.0							
	STC	00050	03.27	34.11	27.17	00.047	1463.4							
00.9	UBS	00056	03.12	34.101	27.18		1462.8							
	STC	00075	02.95	34.10	27.19	00.070	1462.4							
00.4	UBS	00087	02.76	34.042	27.20		1461.7							
	STC	00100	02.38	34.05	27.21	00.092	1460.3							
00.4	UBS	00112	02.25	34.052	27.22		1459.4							
	STC	00125	03.07	34.17	27.24	00.114	1463.9							
00.4	STC	00150	04.31	34.36	27.27	00.135	1469.8							
	UBS	00169	04.87	34.476	27.30		1472.6							
	STC	00200	04.77	34.61	27.41	00.173	1472.9							
00.9	UBS	00225	04.72	34.670	27.47		1473.1							

REFID 31 2030	YEAR 1972	BOTUP 00310	AIR TEMP 02.9	DIP HGT PER	WIND-OIR 03	INST VANSEY CAST	TEN SQ 1306
CUNSEC 0009	MONTH 03	SHIP 1H	WET BULB 02.7	01 3 3	WIND-SPD 25	TRACE OIR	5 SQUARE 4
LAT 47 00 N	DAY 22	DATA USE 1	BAROMETR 1017.0	SEA	WIND-FGK	DURATION	2 SQUARE 64
LCNG 045 50 W	MOOR 02.2	AREA J5	CLUD T/A 77B	CL/TR	WEATHER X5	ORIG 42 052	1 SQUARE 75

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	JXYG	P34	TOT P	W02	W03	S103	PH
	STC	00000		33.99										
02.8	UBS	00000		33.990										
	STC	00010		34.00										
	STC	00020		34.01										
02.8	UBS	00029	03.04	34.020	27.12		1461.4							
	STC	00030	03.03	34.02	27.12		1461.4							
	STC	00050	02.74	34.05	27.17		1461.0							
02.8	UBS	00053	02.70	34.055	27.18		1460.9							
	STC	00075	02.39	34.04	27.19		1459.4							
	STC	00100	02.04	34.02	27.21		1458.8							
02.8	UBS	00106	01.96	34.018	27.21		1456.5							
	STC	00125	02.67	34.17	27.28		1462.1							
	STC	00150	03.49	34.37	27.36		1466.3							
02.8	UBS	00160	03.78	34.445	27.39		1467.3							
	STC	00230	04.35	34.77	27.53		1473.4							
02.8	UBS	00214	05.03	34.826	27.56		1474.4							
	STC	00250	05.00	34.84	27.57		1474.4							
02.8	UBS	00253	04.97	34.838	27.57		1474.8							

REFID 31 2030	YEAR 1972	BOTUP 00310	AIR TEMP 01.2	DIP HGT PER	WIND-OIR 03	INST VANSEY CAST	TEN SQ 1306
CUNSEC 0010	MONTH 03	SHIP 1H	WET BULB 01.0	02 3 3	WIND-SPD 24	TRACE OIR	5 SQUARE 4
LAT 47 25 N	DAY 22	DATA USE 1	BAROMETR 1006.4	SEA	WIND-FGK	DURATION	2 SQUARE 64
LCNG 045 50 W	MOOR 05.3	AREA 05	CLUD T/A 77B	CL/TR	WEATHER X5	ORIG 42 052	1 SQUARE 75

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	JXYG	P34	TOT P	W02	W03	S103	PH
	STC	00000	03.74	34.08	27.10	00.000	1464.5							
05.3	UBS	00000	03.74	34.077	27.10		1464.5							
	STC	00010	03.74	34.08	27.11	00.010	1464.7							
	STC	00020	03.75	34.09	27.11	00.019	1464.7							
05.3	UBS	00026	03.75	34.093	27.11		1465.0							
	STC	00030	03.79	34.11	27.12	00.024	1465.3							
05.3	UBS	00048	03.93	34.169	27.15		1466.2							
	STC	00050	03.93	34.17	27.16	00.043	1466.3							
	STC	00075	03.99	34.18	27.16	00.071	1466.4							
05.3	UBS	00075	03.94	34.182	27.16		1466.4							
05.3	UBS	00098		34.218										
	STC	00100	04.33	34.22	27.16	00.094	1468.7							
	STC	00125	04.60	34.28	27.17	00.117	1470.5							
05.3	UBS	00147	04.87	34.320	27.17		1472.0							
	STC	00150	04.76	34.32	27.19	00.140	1471.6							
05.3	UBS	00198	03.63	34.397	27.35		1468.6							
	STC	00200	03.86	34.40	27.35	00.181	1468.7							
	STC	00250	04.53	34.71	27.52	00.215	1472.4							
05.3	UBS	00258	04.64	34.777	27.56		1473.5							

TABLE VII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 20-22 March 1972, Prepared from NODC Listing No. 31-2030.—Continued

REFID 31 2030	YEAR 1972	SUTOP 03384	AIR TEMP 01.3	DIR HGT PER	WIND-DIR 02	INST NANSEN CAST	TEN SQ 1306
UNSEC 0011	MONTH 03	SHIP LH	WET DULB 00.9	02 3 3	WIND-SPD 27	TRACE DIR	5 SQUARE 4
LAT 47 41.74	DAY 22	DATA USE 1	BARCHMETR 1006.3	SEA	WIND-FUR	DURATION	2 SQUARE 64
LONG 045 50 W	HOUR 09.4	AREA 05	CLOUD T/A 778	CL/TR	WEATHER X5	ORIG AZ 052	1 SQUARE 75

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	OXYG	PJ4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	02.56	33.83	27.01	00.000	1459.1							
09.4	085	00000	02.56	33.826	27.01		1459.1							
	STD	00010	02.69	33.91	27.06	00.010	1460.0							
	STD	00020	02.84	33.98	27.10	00.020	1460.7							
09.4	085	00029	02.98	34.024	27.13		1461.7							
	STD	00030	03.00	34.33	27.13	00.030	1461.8							
	STD	00050	03.37	34.09	27.15	00.049	1463.8							
09.4	085	00054	03.42	34.096	27.15		1464.1							
	STD	00075	03.46	34.10	27.15	00.072	1464.6							
09.4	085	00083	03.44	34.103	27.15		1464.8							
	STD	00100	02.54	34.13	27.26	00.094	1461.1							
09.4	085	00108	02.34	34.169	27.30		1460.4							
	STD	00125	03.56	34.40	27.37	00.113	1466.3							
	STD	00150	04.78	34.64	27.44	00.131	1472.1							
09.4	085	00162	05.12	34.722	27.46		1473.8							
	STD	00200	04.77	34.74	27.52	00.162	1473.0							
09.4	085	00216	04.67	34.750	27.54		1472.9							
	STD	00250	04.67	34.78	27.56	00.191	1473.5							
	STD	00300	04.68	34.84	27.61	00.217	1474.4							
09.4	085	00325	04.63	34.885	27.64		1474.9							

REFID 31 2030	YEAR 1972	SUTOP 03704	AIR TEMP 01.3	DIR HGT PER	WIND-DIR 01	INST NANSEN CAST	TEN SQ 1306
UNSEC 0012	MONTH 03	SHIP LH	WET DULB 01.0	15 4 3	WIND-SPD 17	TRACE DIR	5 SQUARE 4
LAT 49 00 N	DAY 22	DATA USE 1	BARCHMETR 1006.3	SEA	WIND-FUR	DURATION	2 SQUARE 84
LONG 045 50 W	HOUR 12.8	AREA 05	CLOUD T/A 578	CL/TR	WEATHER X5	ORIG AZ 052	1 SQUARE 85

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	OXYG	PJ4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	- 0.42	33.68	27.08	00.000	1445.5							
12.8	085	00000	- 0.42	33.682	27.08		1445.5							
	STD	00010	- 0.25	33.81	27.18	00.009	1446.7							
	STD	00020	- 0.07	33.91	27.25	00.019	1447.8							
12.8	085	00027	00.05	33.973	27.30		1448.5							
	STD	00030	00.11	33.99	27.31	00.026	1448.9							
	STD	00050	00.45	34.09	27.37	00.041	1450.9							
12.8	085	00050	00.45	34.086	27.37		1450.9							
	STD	00075	00.64	34.15	27.41	00.059	1452.3							
12.8	085	00077	00.69	34.159	27.41		1452.5							
12.8	085	00099	01.59	34.278	27.45		1457.1							
	STD	00100	01.65	34.29	27.45	00.075	1457.4							
	STD	00125	02.90	34.48	27.50	00.091	1463.5							
12.8	085	00149	03.75	34.637	27.54		1467.8							
	STD	00150	03.77	34.64	27.55	00.105	1467.9							
12.8	085	00199	04.39	34.835	27.63		1471.5							
	STD	00200	04.39	34.84	27.64	00.131	1471.5							
	STD	00250	04.21	34.64	27.66	00.155	1471.7							
	STD	00300	04.15	34.80	27.68	00.178	1472.2							
12.8	085	00300	04.15	34.857	27.68		1472.2							
	STD	00400	04.35	34.90	27.69	00.224	1474.8							
12.8	085	00403	04.35	34.903	27.69		1474.8							
	STD	00500	04.22	34.91	27.71	00.268	1475.9							
12.8	085	00507	04.21	34.913	27.72		1476.0							
	STD	00600	04.12	34.92	27.73	00.312	1477.2							
12.8	085	00603	04.12	34.918	27.73		1477.2							

TABLE VII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 20-22 March 1972, Prepared from NODC Listing No. 31-2030.—Continued

REFID	31	2030	YEAR	1972	BOTOP	00950	AIR TEMP	00.9	DIR HGT PER	WIND-DIR	35	INST NANSEN	CST	TEN SQ	1306
CONSEC		0013	MONTH	03	SHIP	1H	WET BULB	00.9	17 4 3	WIND-SPO	22	TRACE DIR		5 SQUARE	4
LAT	48	20.8N	DAY	22	DATA USE	1	BAROMETR	1007.0	SEA	WIND-FUR		DURATION		2 SQUARE	84
LONG	045	50 W	HOOR	15.4	AREA	05	CLOUD T/A	7/8	CL/TR	WEATHER	X5	ORIG	A2 052	1 SQUARE	85

CSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
	STD	00000	- 0.75	33.72	27.13	00.000	1444.0							
15.4	085	00000	- 0.75	33.717	27.13		1444.0							
	STD	00010	- 0.75	33.72	27.13	00.009	1444.2							
	STD	00020	- 0.76	33.72	27.13	00.019	1444.4							
15.4	085	00026	- 0.76	33.727	27.13		1444.4							
	STD	00030	- 0.75	33.75	27.15	00.028	1444.6							
15.4	085	00048	- 0.73	33.847	27.23		1445.1							
	STD	00050	- 0.65	33.86	27.24	00.046	1445.5							
15.4	085	00074	00.29	34.053	27.35		1450.5							
	STD	00075	00.33	34.06	27.35	00.065	1450.7							
15.4	085	00096	01.11	34.238	27.45		1454.8							
	STD	00100	01.21	34.26	27.46	00.083	1455.4							
	STD	00125	01.82	34.37	27.50	00.098	1458.7							
15.4	085	00144	02.28	34.458	27.54		1461.1							
	STD	00150	02.46	34.49	27.55	00.112	1462.0							
15.4	085	00193	03.46	34.680	27.61		1466.3							
	STD	00200	03.53	34.70	27.62	00.139	1467.7							
	STD	00250	03.91	34.80	27.66	00.163	1470.3							
15.4	085	00290	04.09	34.650	27.68		1471.8							
	STD	00300	04.09	34.85	27.68	00.186	1472.3							
15.4	085	00389	04.08	34.874	27.70		1473.4							
	STD	00400	04.08	34.88	27.70	00.231	1473.6							
15.4	085	00488	04.08	34.883	27.71		1475.1							
	STD	00500	04.07	34.88	27.71	00.275	1475.3							
15.4	085	00588	04.04	34.883	27.71		1476.6							
	STD	00600	04.04	34.88	27.71	00.320	1476.8							
	STD	00700	04.01	34.90	27.73	00.365	1478.3							
15.4	085	00794	04.00	34.907	27.73		1479.9							
	STD	00800	04.00	34.91	27.73	00.410	1480.0							
15.4	085	00808	04.00	34.908	27.73		1480.1							

REFID	31	2030	YEAR	1972	BOTOP	01372	AIR TEMP	00.5	DIR HGT PER	WIND-DIR	33	INST NANSEN	CST	TEN SQ	1306
CONSEC		0014	MONTH	03	SHIP	1H	WET BULB	00.9	17 3 4	WIND-SPO	27	TRACE DIR		5 SQUARE	4
LAT	48	35 N	DAY	22	DATA USE	1	BAROMETR	1006.0	SEA	WIND-FUR		DURATION		2 SQUARE	84
LONG	045	50 W	HOOR	18.9	AREA	05	CLOUD T/A	7/8	CL/TR	WEATHER	X5	ORIG	A2 052	1 SQUARE	85

CSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
	STD	00000	- 0.48	33.73	27.13	00.000	1445.3							
18.9	085	00000	- 0.48	33.730	27.13		1445.3							
	STD	00010	- 0.04	33.74	27.11	00.010	1447.6							
	STD	00020	00.33	33.75	27.10	00.019	1449.4							
18.9	085	00027	00.52	33.767	27.11		1450.4							
	STD	00030	00.63	33.77	27.10	00.029	1450.8							
18.9	085	00049	00.64	33.844	27.15		1452.3							
	STD	00050	00.78	33.86	27.16	00.045	1452.1							
	STD	00075	00.32	34.16	27.43	00.067	1450.8							
18.9	085	00075	00.32	34.155	27.43		1450.8							
18.9	085	00097	01.50											
	STD	00100	01.56	34.28	27.45	00.084	1457.0							
	STD	00125	02.03	34.39	27.50	00.099	1459.6							
18.9	085	00145	02.40											
	STD	00150	02.50	34.49	27.54	00.114	1462.2							
18.9	085	00192	03.25	34.628	27.59		1466.3							
	STD	00200	03.36	34.65	27.60	00.141	1467.0							
	STD	00250	03.43	34.78	27.64	00.166	1470.3							
18.9	085	00268	04.15	34.843	27.67		1472.0							
	STD	00300	04.14	34.95	27.67	00.189	1472.2							
18.9	085	00386	04.11	34.869	27.65		1473.5							
	STD	00400	04.10	34.87	27.69	00.235	1473.7							
18.9	085	00489	04.08	34.977	27.70		1475.1							
	STD	00500	04.08	34.88	27.70	00.280	1475.3							
18.9	085	00594	04.09	34.889	27.71		1476.9							

TABLE VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972. Prepared from NODC Listing No. 31-8311.

REFID 31 8311	YEAR 1972	BOTOP 00135	AIR TEMP 12.1	DIR FOT PER	WIND-DIR 27	INST STD RECORDER	TEN SQ 1306
CONSEC 0001	MONTH 08	SHIP 1H	WET BULB 11.0	49 2 2	WIND-SPD 02	TRACE DIR 0	5 SQUARE 4
LAT 47 00 N	DAY 05	DATA USE 1	BAROMETR 1010.0	SEA	WIND-FJR	DURATION 00.0	2 SQUARE 66
LONG 044 00 W	MOOR 19.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X	ORIG A2 055	1 SQUARE 78

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	JAYG	PJ4	TOT P	N02	N03	SI03	PH
19.1	STU	00000	08.31	31.52	24.52	00.000	1477.6							
	QBS	00000	08.31	31.52	24.52		1479.6							
	STU	00010	07.84	31.50	24.57	00.034	1477.6							
	QBS	00010	07.84	31.50	24.57		1477.6							
	STU	00020	- 0.83	32.95	26.51	00.059	1442.4							
	QBS	00020	- 0.83	32.95	26.51		1442.4							
	STU	00030	- 1.57	33.05	26.61	00.073	1439.8							
	QBS	00030	- 1.57	33.05	26.61		1439.8							
	STU	00050	- 1.71	33.11	26.66	00.101	1439.5							
	QBS	00050	- 1.71	33.11	26.66		1439.5							
	STU	00075	- 1.71	33.15	26.70	00.136	1440.0							
	QBS	00075	- 1.71	33.15	26.70		1440.0							
	STU	00100	- 1.72	33.17	26.71	00.169	1440.4							
	QBS	00100	- 1.72	33.17	26.71		1440.4							
	STU	00105	- 1.71	33.21	26.74		1440.6							

REFID 31 8311	YEAR 1972	BOTOP 00174	AIR TEMP 12.1	DIR FOT PER	WIND-DIR 27	INST STD RECORDER	TEN SQ 1306
CONSEC 0002	MONTH 08	SHIP 1H	WET BULB 11.0	49 2 2	WIND-SPD 05	TRACE DIR 0	5 SQUARE 4
LAT 47 00 N	DAY 05	DATA USE 1	BAROMETR 1010.9	SEA	WIND-FJR	DURATION 00.0	2 SQUARE 66
LONG 047 44 W	MOOR 21.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X	ORIG A2 055	1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	JAYG	PJ4	TOT P	N02	N03	SI03	PH
21.3	STU	00000	08.36	31.50	24.50	00.000	1479.8							
	QBS	00000	08.36	31.50	24.50		1479.8							
	STU	00010	07.78	31.40	24.50	00.034	1477.6							
	QBS	00010	07.78	31.40	24.50		1477.6							
	STU	00020	- 0.52	32.95	26.50	00.059	1442.4							
	QBS	00020	- 0.52	32.95	26.50		1442.4							
	STU	00030	- 1.50	33.07	26.63	00.074	1440.1							
	QBS	00030	- 1.50	33.07	26.63		1440.1							
	STU	00035	- 1.63	33.09	26.65		1439.6							
	QBS	00035	- 1.63	33.09	26.65		1439.6							
	STU	00050	- 1.69	33.11	26.66	00.102	1439.0							
	QBS	00050	- 1.69	33.11	26.66		1439.0							
	STU	00075	- 1.70	33.17	26.71	00.136	1440.1							
	QBS	00075	- 1.70	33.17	26.71		1440.1							
	STU	00100	- 1.63	33.26	26.78	00.169	1440.9							
	QBS	00100	- 1.63	33.26	26.78		1440.9							
	STU	00125	- 1.48	33.42	26.91	00.199	1442.3							
	QBS	00125	- 1.48	33.42	26.91		1442.3							
	STU	00128	- 1.47	33.44	26.92		1442.4							

REFID 31 8311	YEAR 1972	BOTOP 00210	AIR TEMP 09.7	DIR FOT PER	WIND-DIR 27	INST STD RECORDER	TEN SQ 1306
CONSEC 0003	MONTH 08	SHIP 1H	WET BULB 09.5	49 1 2	WIND-SPD 05	TRACE DIR 0	5 SQUARE 4
LAT 47 00 N	DAY 05	DATA USE 1	BAROMETR 1011.5	SEA	WIND-FJR	DURATION 00.2	2 SQUARE 66
LONG 047 30 W	MOOR 23.0	AREA 05	CLOUD T/A	CL/TR	WEATHER X	ORIG A2 055	1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	JAYG	PJ4	TOT P	N02	N03	SI03	PH
23.0	STU	00000	06.84	31.59	24.78	00.000	1474.1							
	QBS	00000	06.88	31.54	24.78		1474.1							
	STU	00010	05.44	31.64	24.98	00.031	1468.7							
	QBS	00010	05.49	31.64	24.98		1468.7							
	STU	00020	- 1.12	32.99	26.55	00.053	1441.6							
	QBS	00020	- 1.12	32.99	26.55		1441.6							
	STU	00030	- 1.56	33.10	26.65	00.068	1439.9							
	QBS	00030	- 1.56	33.10	26.65		1439.9							
	STU	00038	- 1.45	33.10	26.65		1440.5							
	QBS	00038	- 1.44	33.13	26.66		1439.7							
	STU	00050	- 1.68	33.18	26.72	00.095	1439.8							
	QBS	00050	- 1.68	33.18	26.72		1439.8							
	STU	00075	- 1.50	33.30	26.81	00.127	1441.2							
	QBS	00075	- 1.50	33.30	26.81		1441.2							
	STU	00100	- 1.38	33.48	26.95	00.156	1442.4							
	QBS	00100	- 1.38	33.48	26.95		1442.4							
	STU	00125	- 0.80	33.69	27.11	00.182	1445.8							
	QBS	00125	- 0.80	33.69	27.11		1445.8							
	STU	00150	- 0.51	33.77	27.16	00.206	1447.7							
	QBS	00150	- 0.51	33.77	27.16		1447.7							
	STU	00165	- 0.51	33.81	27.19		1448.0							
	QBS	00165	- 0.51	33.81	27.19		1448.0							
	STU	00175	- 0.40	33.90	27.26		1448.6							
	QBS	00175	- 0.40	33.90	27.26		1448.6							
	STU	00183	- 0.24	33.91	27.26		1449.7							

TABLE VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972, Prepared from NODC Listing No. 31-8311.—Continued

REFID 31 8311	YEAR 1972	BUTDP 00384	AIR TEMP 09.7	DIR FGT PER	WIND-DIR 23	INST STD RECORDER	TEN SW 1306
CONSEC 0004	MONTH 08	SHIP 1H	WET BULB 09.0	49 2 2	WIND-SPD 03	TRACE DIR 0	5 SQUARE 4
LAT 47 00 N	DAY 06	DATA USE 1	BAROMETR 1012.0	SEA	WIND-FIR	DURATION 00.1	2 SQUARE 66
LONG 047 14 W	HOOR 01.9	AREA US	CLOUD T/A	CL/TR	WEATHER X9	ORIG A2 G55	1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	PJ4	TOT P	NO2	NO3	SIO3	PH
01.9	STO	00000	06.37	31.72	24.94	00.000	1472.2							
	085	00000	06.37	31.72	24.94		1472.2							
	STO	00010	06.34	31.71	24.94	00.030	1472.3							
	085	00010	06.34	31.71	24.94		1472.3							
	STO	00020	06.13	31.69	25.45	00.058	1445.9							
	085	00020	06.13	31.69	25.45		1445.9							
	STO	00030	- 1.36	33.36	26.86	00.077	1441.2							
	085	00030	- 1.36	33.36	26.86		1441.2							
	STO	00050	- 1.13	33.60	27.04	00.099	1442.9							
	085	00050	- 1.13	33.60	27.04		1442.9							
	STO	00075	- 0.84	33.77	27.17	00.123	1444.9							
	085	00075	- 0.84	33.77	27.17		1444.9							
	STO	00100	- 0.62	33.90	27.27	00.144	1446.6							
	085	00100	- 0.62	33.90	27.27		1446.6							
	STO	00125	- 0.13	33.98	27.31	00.164	1449.1							
	085	00125	- 0.13	33.98	27.31		1449.1							
	STO	00150	00.57	34.15	27.41	00.182	1453.2							
	085	00150	00.57	34.15	27.41		1453.2							
	STO	00200	01.87	34.43	27.55	00.213	1460.2							
	085	00200	01.87	34.43	27.55		1460.2							
	STO	00250	02.92	34.61	27.60	00.240	1465.8							
	085	00250	02.92	34.61	27.60		1465.8							
	STO	00270	03.10	34.63	27.60		1467.0							
	085	00285	02.76	34.60	27.61		1465.7							
	STO	00300	02.42	34.62	27.61	00.265	1466.7							
	085	00300	02.42	34.62	27.61		1466.7							
	STO	00316	03.04	34.64	27.62		1467.5							

REFID 31 8311	YEAR 1972	BUTDP 01116	AIR TEMP 08.5	DIR FGT PER	WIND-DIR 23	INST STD RECORDER	TEN SW 1306
CONSEC 0005	MONTH 08	SHIP 1H	WET BULB 08.1	49 2 2	WIND-SPD 03	TRACE DIR 0	5 SQUARE 4
LAT 47 01 N	DAY 06	DATA USE 1	BAROMETR 1011.8	SEA	WIND-FIR	DURATION 00.3	2 SQUARE 66
LONG 047 00 W	HOOR 03.9	AREA US	CLOUD T/A	CL/TR	WEATHER X3	ORIG A2 G55	1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	PJ4	TOT P	NO2	NO3	SIO3	PH
03.9	STO	00000	06.77	31.70	24.88	00.300	1473.8							
	085	00000	06.77	31.70	24.88		1473.8							
	STO	00010	06.49	32.39	25.46	00.028	1473.7							
	085	00010	06.46	32.39	25.46		1473.7							
	STO	00020	00.00	33.48	26.90	00.047	1447.5							
	085	00020	00.00	33.48	26.90		1447.5							
	STO	00030	- 0.58	33.65	27.06	00.057	1445.2							
	085	00030	- 0.58	33.65	27.06		1445.2							
	STO	00050	- 0.55	33.84	27.22	00.076	1446.0							
	085	00050	- 0.55	33.84	27.22		1446.0							
	STO	00075	- 0.37	34.02	27.35	00.096	1447.5							
	085	00075	- 0.37	34.02	27.35		1447.5							
	STO	00100	00.33	34.13	27.41	00.114	1451.2							
	085	00100	00.33	34.13	27.41		1451.2							
	STO	00125	01.09	34.24	27.45	00.130	1455.2							
	085	00125	01.09	34.24	27.45		1455.2							
	STO	00150	01.91	34.43	27.54	00.145	1459.6							
	085	00150	01.91	34.43	27.54		1459.6							
	STO	00200	02.55	34.58	27.61	00.171	1463.4							
	085	00200	02.55	34.58	27.61		1463.4							
	STO	00250	03.27	34.73	27.67	00.195	1467.5							
	085	00250	03.27	34.73	27.67		1467.5							
	STO	00282	03.50	34.75	27.66		1469.1							
	085	00300	03.44	34.79	27.70	00.218	1469.1							
	STO	00300	03.44	34.79	27.70		1469.1							
	085	00318	03.65	34.81	27.69		1473.4							
	STO	00400	03.87	34.87	27.72	00.260	1472.7							
	085	00400	03.87	34.87	27.72		1472.7							
	STO	00500	03.79	34.87	27.73	00.303	1474.0							
	085	00500	03.79	34.87	27.73		1474.0							
	STO	00600	03.72	34.88	27.74	00.345	1475.4							
	085	00600	03.72	34.88	27.74		1475.4							
	STO	00700	03.73	34.89	27.75	00.387	1477.1							
	085	00700	03.73	34.89	27.75		1477.1							
	STO	00710	03.85	34.91	27.75		1477.8							
	085	00640	03.87	34.93	27.77	00.429	1479.4							
	STO	00800	03.87	34.93	27.77		1479.4							
	085	00900	03.75	34.91	27.76	00.471	1480.6							
	STO	00900	03.75	34.91	27.76		1480.6							
	085	01000	03.66	34.90	27.76	00.514	1481.9							
	STO	01000	03.66	34.90	27.76		1481.9							
	085	01032	03.78	34.92	27.77		1482.9							
	STO	01050	03.71	34.91	27.77		1482.9							

TABLE VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972, Prepared from NODC Listing No. 31-8311.—Continued

REFID 31 8311	YEAR 1972	BCTOP 00512	AIR TEMP 09.0	OIR HGT PER	WIND-DIR 27	INST NANSEN CAST	TEN SQ 1306
CONSEC 0006	MONTH 08	SHIP 1H	WET BULB 08.3	20 2 3	WIND-SPD 15	TRACE DIR	5 SQUARE 4
LAT 46 59 N	DAY 06	DATA USE 1	BAROMETR 1013.2	SEA	WIND-FJR	DURATION	2 SQUARE 66
LONG 046 31.5 W	HOOR 10.1	AREA 05	CLOUD T/A 6/5	CL/TR	WEATHER X1	ORIG A2 055	1 SQUARE 66

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDEPTH	SND VEL	UXYG	PJ4	TOT P	NO2	NO3	SI03	PH
	STO	00000	07.94	32.48	25.33	00.000	1479.4							
10.1	085	00000	07.94	32.485	25.33		1479.4							
	STO	00010	06.15	32.85	25.86	00.024	1473.0							
	STO	00020	04.64	33.15	26.28	00.044	1467.4							
	STO	00030	03.42	33.40	26.60	00.060	1462.7							
10.1	085	00035	02.92	33.507	26.72		1460.8							
	STO	00050	01.85	33.67	26.94	00.085	1456.6							
10.1	085	00064	01.42	33.824	27.05		1455.1							
	STO	00075	01.98	33.96	27.16	00.111	1458.0							
10.1	085	00099	02.73	34.176	27.27		1461.9							
	STO	00100	02.73	34.18	27.28	00.132	1462.0							
	STO	00125	02.70	34.30	27.37	00.152	1462.7							
10.1	085	00129	02.76	34.313	27.38		1462.8							
	STO	00150	02.78	34.36	27.42	00.164	1463.2							
10.1	085	00194	02.61	34.496	27.52		1464.3							
	STO	00200	02.90	34.53	27.53	00.201	1465.1							
	STO	00250	03.95	34.74	27.66	00.228	1470.4							
10.1	085	00259	04.09	34.767	27.61		1471.2							
	STO	00300	04.44	34.85	27.64	00.253	1473.4							
10.1	085	00389	04.67	34.945	27.65		1476.1							
	STO	00400	04.67	34.94	27.65	00.301	1476.2							
10.1	085	106479	04.24	34.409	27.71		1475.6							

REFID 31 8311	YEAR 1972	BCTOP 00300	AIR TEMP 09.7	OIR HGT PER	WIND-DIR 27	INST NANSEN CAST	TEN SQ 1306
CONSEC 0007	MONTH 09	SHIP 1H	WET BULB 09.1	22 2 2	WIND-SPD 15	TRACE DIR	5 SQUARE 4
LAT 47 00 N	DAY 06	DATA USE 1	BAROMETR 1015.0	SEA	WIND-FJR	DURATION	2 SQUARE 66
LONG 046 11 W	HOOR 12.5	AREA 05	CLOUD T/A 0/4	CL/TR	WEATHER X1	ORIG A2 055	1 SQUARE 76

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDEPTH	SND VEL	UXYG	PJ4	TOT P	NO2	NO3	SI03	PH
	STO	00000	07.95	32.67	25.47	00.000	1479.7							
12.5	085	00000	07.95	32.666	25.47		1479.7							
	STO	00010	07.62	32.73	25.57	00.025	1476.7							
	STO	00020	07.24	32.79	25.66	00.049	1477.6							
12.5	085	00025	07.12	32.818	25.71		1477.1							
	STO	00030	06.13	33.11	26.06	00.070	1473.6							
12.5	085	00344	02.95	33.791	26.96		1461.1							
	STO	00050	02.65	33.78	26.97	00.101	1460.3							
12.5	085	00074	- 0.36	33.693	27.09		1447.0							
	STO	00075	- 0.35	33.70	27.09	00.127	1447.1							
12.5	085	00093	- 0.17	33.809	27.17		1448.5							
	STO	00100	- 0.03	33.83	27.19	00.150	1444.9							
	STO	00125	00.40	34.03	27.25	00.171	1454.1							
12.5	085	00148	01.61	34.183	27.37		1457.9							
	STO	00150	01.63	34.19	27.37	00.190	1458.0							
	STO	00200	02.48	34.41	27.48	00.223	1462.8							
12.5	085	100202	02.53	34.423	27.49		1463.1							
12.5	085	100246	03.97	34.710	27.58		1470.4							

REFID 31 8311	YEAR 1972	BCTOP 00283	AIR TEMP 09.7	OIR HGT PER	WIND-DIR 25	INST NANSEN CAST	TEN SQ 1306
CONSEC 0008	MONTH 08	SHIP 1H	WET BULB 09.1	25 2 2	WIND-SPD 12	TRACE DIR	5 SQUARE 4
LAT 47 01 N	DAY 06	DATA USE 1	BAROMETR 1016.1	SEA	WIND-FJR	DURATION	2 SQUARE 64
LONG 045 54 W	HOOR 13.8	AREA 05	CLOUD T/A 1/2	CL/TR	WEATHER X1	ORIG A2 055	1 SQUARE 75

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDEPTH	SND VEL	UXYG	PJ4	TOT P	NO2	NO3	SI03	PH
	STO	00000	08.16	32.31	25.17	00.000	1480.0							
13.8	085	00000	08.16	32.314	25.17		1480.0							
	STO	00010	08.05	32.50	25.33	00.027	1480.0							
	STO	00020	07.43	32.75	25.61	00.053	1478.1							
13.8	085	00024	07.04	32.869	25.76		1476.8							
	STO	00030	05.65	33.17	26.17	00.074	1471.7							
13.8	085	00049	02.74	33.824	26.99		1460.7							
	STO	00050	02.71	33.83	27.00	00.103	1460.7							
13.8	085	00073	02.29	33.986	27.16		1459.5							
	STO	00075	02.27	33.99	27.17	00.128	1459.5							
13.8	085	00098	02.18	34.100	27.26		1459.6							
	STO	00100	02.22	34.11	27.27	00.149	1459.6							
	STO	00125	02.64	34.29	27.37	00.167	1462.1							
13.8	085	00147	02.99	34.417	27.44		1464.2							
	STO	00150	03.04	34.43	27.45	00.166	1464.5							
	STO	00200	03.75	34.65	27.55	00.216	1468.6							
13.8	085	100201	03.76	34.650	27.55		1468.7							
	STO	00250	04.23	34.81	27.63	00.242	1471.7							
13.8	085	00254	04.26	34.824	27.64		1471.7							

TABLE VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972, Prepared from NODC Listing No. 31-8311.—Continued

REFID 31 8311	YEAR 1972	BOTOP 02275	AIR TEMP 10.6	UIR HGT PER	WIND-UIR 28	INST STO RECORDER	TEN SQ 1306
CONSEC 0004	MONTH 08	SHIP 1H	WET BULB 09.9	28 3 3	WIND-SPD 14	TRACE DIR 0	5 SQUARE 4
LAT 47 20 N	DAY 06	DATA USE 1	BAROMETR 1016.2	SEA	WIND-FUR	DURATION 00.1	2 SQUARE 64
LONG 045 50 W	HOOR 15.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG A2 055	1 SQUARE 75

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	UYNOPHT	SND VEL	OXYG	PJ4	TOT P	N02	N03	S103	PH
	STU	00000	07.21	32.28	25.27	00.000	1476.3							
15.8	085	00000	07.21	32.28	25.27		1476.3							
	STU	00010	07.09	32.25	25.27	00.027	1476.0							
	085	00010	07.09	32.25	25.27		1476.0							
	STU	00020	05.95	32.76	25.81	00.052	1472.2							
	085	00020	05.95	32.76	25.81		1472.2							
	STU	00030	02.55	33.65	25.87	00.069	1459.3							
	085	00030	02.55	33.65	26.87		1459.3							
	085	00032	02.74	33.69	26.88		1460.4							
	085	00035	02.38	33.70	26.92		1458.7							
	085	00036	02.60	33.76	26.95		1459.8							
	085	00040	02.38	33.73	26.95		1458.8							
	085	00045	02.44	33.75	26.96		1459.2							
	STU	00050	01.20	33.63	26.95	00.092	1453.7							
	085	00050	01.20	33.63	26.95		1453.7							
	085	00059	00.19	33.64	27.02		1449.2							
	085	00065	02.08	33.97	27.16		1458.3							
	STU	00075	02.49	34.01	27.16	00.117	1460.3							
	085	00075	02.49	34.01	27.16		1460.3							
	085	00080	02.50	34.01	27.16		1460.4							
	STU	00100	02.17	34.06	27.23	00.139	1459.4							
	085	00100	02.17	34.06	27.23		1459.4							
	085	00120	02.74	34.21	27.30		1462.4							
	STU	00125	02.52	34.24	27.34	00.159	1461.6							
	085	00125	02.52	34.24	27.34		1461.6							
	085	00128	02.46	34.28	27.38		1461.4							
	STU	00150	02.94	34.42	27.45	00.177	1464.0							
	085	00150	02.94	34.42	27.45		1464.0							
	085	00164	03.33	34.47	27.45		1460.0							
	085	00172	02.63	34.43	27.49		1463.1							
	STU	00200	04.25	34.71	27.55	00.207	1470.3							
	085	00200	04.25	34.71	27.55		1470.3							
	085	00205	04.40	34.76	27.57		1471.5							

REFID 31 8311	YEAR 1972	BOTOP 00320	AIR TEMP 09.4	UIR HGT PER	WIND-UIR 25	INST NANSEN CAST	TEN SQ 1306
CONSEC 0010	MONTH 08	SHIP 1H	WET BULB 08.6	30 5 3	WIND-SPD 15	TRACE DIR	5 SQUARE 4
LAT 47 39 N	DAY 06	DATA USE 1	BAROMETR 1016.2	SEA	WIND-FUR	DURATION	2 SQUARE 64
LONG 045 50 W	HOOR 18.8	AREA 05	CLOUD T/A 0/2	CL/TR	WEATHER X1	ORIG A2 055	1 SQUARE 75

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	UYNOPHT	SND VEL	OXYG	PJ4	TOT P	N02	N03	S103	PH
	STU	00000	07.74	32.25	25.17	00.000	1478.5							
18.8	085	00000	07.74	32.251	25.17		1478.5							
	STU	00010	02.95	32.68	26.07	00.024	1459.4							
	STU	00020	- 0.39	33.00	26.53	00.041	1445.0							
18.8	085	00025	- 1.51	33.120	26.67		1440.1							
	STU	00030	- 1.51	33.15	26.65	00.055	1440.2							
	STU	00050	- 1.51	33.28	26.80	00.082	1440.7							
18.8	085	00050	- 1.51	33.280	26.80		1440.7							
	STU	00075	- 1.14	33.50	26.96	00.111	1443.2							
18.8	085	00075	- 1.14	33.494	26.96		1443.2							
	STU	00100	- 0.28	33.76	27.14	00.136	1447.9							
18.8	085	00100	- 0.28	33.760	27.14		1447.9							
	STU	00125	00.28	33.95	27.26	00.158	1451.2							
	STU	00150	01.05	34.13	27.37	00.177	1455.3							
18.8	085	00150	01.05	34.133	27.37		1455.3							
	STU	00200	03.29	34.50	27.48	00.211	1460.5							
18.8	085	00205	03.46	34.528	27.49		1467.3							
	STU	00250	04.47	34.79	27.55	00.240	1472.7							
18.8	085	00270	04.64	34.885	27.65		1473.8							

TABLE VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972, Prepared from NOIOC Listing No. 31-8311.—Continued

REFID	31	8311	YEAR	1972	BOTOP	OC563	AIR TEMP	07.0	DIR	HGT	PER	WIND-DIR	32	INST	STO	RECORDER	TEN	SO	1306	
CONSEL	0011		MONTH	08	SHIP	1H	WET	BULB	07.8	32	2	2	41ND-SPO	11	TRACE	DIR	0	5	SQUARE	4
LAT	48	00	N	DAY	07	DATA	USE	1	SEA	CL/TR		WIND-FGR	X4	DURATION	00.2	2	SQUARE	84		
LONG	045	50	W	HOUR	01.4	AREA	05		CLOUD	T/A		WEATHER		ORIG	A2	055	1	SQUARE	85	
CASNUM/TIME	LVL	TP	DEPTH	TEMP	SAL	SIGMA-T	UYNOPH	SND	VEL	JAYG	P34	TOT	P	NO2	NO3	SIO3	PH			
01.4	STO		00000	07.31	32.23	25.22	00.300	1476.6												
	OBS		00000	07.31	32.23	25.22		1476.6												
	STO		00010	06.91	32.18	25.23	00.028	1475.2												
	OBS		00010	06.91	32.18	25.23		1475.2												
	OBS		00016	03.93	32.45	25.75		1463.4												
	STO		00020	02.13	32.38	25.89	00.052	1455.6												
	OBS		00020	02.13	32.38	25.69		1455.6												
	OBS		00022	00.57	32.79	26.32		1449.2												
	OBS		00025	- 0.70	33.09	26.62		1443.8												
	STO		00030	- 1.40	33.15	26.65	00.069	1440.7												
	OBS		00030	- 1.40	33.15	26.65		1440.7												
	STO		00050	- 1.62	33.23	26.76	00.096	1440.1												
	OBS		00050	- 1.62	33.23	26.76		1440.1												
	OBS		00061	- 1.57	33.31	26.82		1440.6												
	STO		00075	- 1.38	33.46	26.94	00.126	1442.0												
	OBS		00075	- 1.38	33.46	26.94		1442.0												
	STO		00100	- 0.54	33.74	27.14	00.152	1446.7												
	OBS		00100	- 0.54	33.74	27.14		1446.7												
	STO		00125	- 0.13	33.90	27.25	00.174	1449.2												
	OBS		00125	- 0.13	33.90	27.25		1449.2												
	OBS		00144	- 0.06	33.96	27.25		1450.0												
	OBS		00145	- 0.05	34.07	27.38		1450.2												
	STO		00150	00.54	34.11	27.38	00.193	1453.0												
	OBS		00150	00.54	34.11	27.38		1453.0												
	OBS		00157	01.06	34.14	27.37		1455.5												
	OBS		00170	01.26	34.15	27.37		1456.6												
	OBS		00174	01.73	34.24	27.41		1458.9												
	OBS		00185	02.10	34.29	27.42		1460.8												
	OBS		00193	01.53	34.24	27.42		1458.3												
	STO		00200	01.59	34.25	27.42	00.227	1458.7												
	OBS		00200	01.59	34.25	27.42		1458.7												
	OBS		00221	02.47	34.49	27.55		1463.3												
	STO		00250	03.81	34.70	27.59	00.257	1469.8												
	OBS		00250	03.81	34.70	27.59		1469.8												
	OBS		00276	04.00	34.75	27.61		1471.1												
	STO		00300	03.82	34.72	27.60	00.264	1470.7												
	OBS		00300	03.82	34.72	27.60		1470.7												
	OBS		00313	03.33	34.70	27.64		1468.8												
	OBS		00340	03.79	34.81	27.68		1471.3												
	OBS		00350	03.86	34.83	27.69		1471.8												
	OBS		00380	03.83	34.83	27.65		1472.2												
	STO		00400	03.96	34.85	27.69	00.332	1473.1												
	OBS		00400	03.96	34.85	27.69		1473.1												
	STO		00500	03.84	34.86	27.71	00.377	1474.2												
	OBS		00500	03.84	34.86	27.71		1474.2												
	OBS		00508	03.84	34.86	27.71		1474.4												

TABLE VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972, Prepared from NODC Listing No. 31-8311. Continued

REFID	31	8311	YEAR	1972	BOTOP	00970	AIR TEMP	07.4	DIR HGT PER	WIND-DIR	29	INST STD RECORER	TEN SO 1306
CONSEC	0012		MONTH	08	SHIP LH		WET BULB	07.3	29 2 2	WIND-SPO	06	TRACE DIR	0 5 SQUARE 4
LAT	48 20 N		DAY	07	DATA USE	1	BAROMETR	1019.0	SEA	WIND-FOR		DURATION	00.2 2 SQUARE 84
LONG	045 50 W		HOOR	04.9	AREA	05	CLOUD T/A		CL/TR	WEATHER	X4	ORIG A2 055	1 SQUARE 85

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
04.9	STO	00000	07.75	32.36	25.26	00.000	1478.5							
	085	00000	07.75	32.36	25.26		1478.5							
	STO	00010	07.84	32.90	25.67	00.025	1479.7							
	085	00010	07.84											
	STO	00020	08.52	33.33	25.91	00.047	1483.1							
	085	00020	08.52											
	STO	00030	08.57	33.66	26.16	00.067	1483.8							
	085	00030	08.57											
	STO	00044	08.36	33.95	26.42		1483.7							
	085	00050	08.39	34.01	26.46	00.102	1483.9							
	STO	00050	08.39	34.01	26.46		1483.9							
	085	00075	09.39	34.32	26.54	00.141	1488.5							
	STO	00075	09.39	34.32	26.54		1488.5							
	085	00100	02.38	34.45	27.52	00.167	1460.8							
	STO	00100	02.38	34.45	27.52		1460.8							
	085	00110	02.20	34.51	27.59		1460.3							
	STO	00125	02.29	34.53	27.59	00.180	1460.9							
	085	00125	02.29	34.53	27.59		1460.9							
	STO	00150	02.85	34.62	27.62	00.193	1463.9							
	085	00150	02.85	34.62	27.62		1463.9							
	STO	00200	03.12	34.70	27.66	00.217	1466.0							
	085	00200	03.12	34.70	27.66		1466.0							
	STO	00250	03.54	34.79	27.69	00.239	1468.7							
	085	00250	03.54	34.79	27.69		1468.7							
	STO	00300	03.62	34.82	27.70	00.261	1470.0							
	085	00300	03.62	34.82	27.70		1470.0							
	STO	00370	04.03	34.89	27.72		1472.9							
	085	00400	03.96	34.88	27.72	00.304	1473.1							
	STO	00400	03.96	34.88	27.72		1473.1							
	085	00450	03.91	34.87	27.71		1473.7							
	STO	00500	03.99	34.89	27.72	00.347	1474.9							
	085	00500	03.99	34.89	27.72		1474.9							
	STO	00600	03.99	34.90	27.73	00.390	1476.6							
	085	00600	03.99	34.90	27.73		1476.6							
	STO	00655	03.72	34.86	27.73		1476.3							
	085	00700	03.68	34.87	27.74	00.433	1476.9							
	STO	00700	03.68	34.87	27.74		1476.9							
	085	00800	03.70	34.88	27.74	00.476	1478.7							
	STO	00800	03.70	34.88	27.74		1478.7							
	085	00900	03.81	34.92	27.76	00.519	1480.8							
	STO	00900	03.81	34.92	27.76		1480.8							
	085	00904	03.80	34.92	27.76		1480.9							

TABLE VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972, Prepared from NODC Listing No. 31-8311.—Continued

REFID 31 8311	YEAR 1972	80TOP 01134	AIR TEMP 07.5	DIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN SQ 1306
CONSEC 0013	MONTH 08	SHIP LH	WET BULB 01.2	29 2 2	WIND-SPD 06	TRACE OIR 0	5 SQUARE 4
LAT 48 35 N	DAY 07	DATA USE 1	BARDMETR 1020.0	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 84
LONG 045 50 W	HOOR 07.2	AREA 05	CLOUD T/A	CL/TM	WEATHER X4	ORIG A2 055	1 SQUARE 85

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	OXYG	PJ4	TOT P	NO2	NO3	SID3	PH
07.2	STD	00000	09.70	33.79	26.08	00.000	1487.7							
	085	00000	09.70	33.79	26.08		1487.7							
	STD	00010	09.69	33.80	26.09	00.019	1487.9							
	085	00010	09.69	33.80	26.09		1487.9							
	STD	00020	06.11	34.03	26.79	00.035	1474.6							
	STD	00030	03.74	34.20	27.20	00.046	1465.2							
	085	00030	03.74	34.20	27.20		1465.2							
	STD	00050	02.60	34.38	27.45	00.061	1460.9							
	085	00050	02.60	34.38	27.45		1460.9							
	STD	00075	02.36	34.46	27.53	00.077	1460.3							
	085	00075	02.36	34.46	27.53		1460.3							
	STD	00100	02.71	34.58	27.60	00.090	1462.4							
	085	00100	02.71	34.58	27.60		1462.4							
	STD	00125	03.18	34.70	27.65	00.102	1465.0							
	085	00125	03.18	34.70	27.65		1465.0							
	085	00141	03.46	34.73	27.65		1466.5							
	STD	00150	03.46	34.73	27.65	00.114	1466.7							
	085	00150	03.46	34.73	27.65		1466.7							
	STD	00200	03.71	34.82	27.69	00.136	1468.7							
	085	00200	03.71	34.82	27.69		1468.7							
	STD	00250	03.76	34.84	27.71	00.157	1469.7							
	085	00250	03.76	34.84	27.71		1469.7							
	STD	00300	03.80	34.85	27.71	00.178	1470.8							
	085	00300	03.80	34.85	27.71		1470.8							
	STD	00400	03.76	34.87	27.73	00.220	1472.3							
	085	00400	03.76	34.87	27.73		1472.3							
	STD	00500	03.68	34.87	27.74	00.261	1473.6							
	085	00500	03.68	34.87	27.74		1473.6							
	085	00544	03.71	34.88	27.74		1474.5							
	STD	00600	03.58	34.86	27.74	00.303	1474.8							
	085	00600	03.58	34.85	27.74		1474.8							
	STD	00700	03.55	34.87	27.75	00.345	1476.3							
	085	00700	03.55	34.87	27.75		1476.3							
	STD	00800	03.53	34.87	27.75	00.387	1477.9							
	085	00800	03.53	34.87	27.75		1477.9							
	STD	00900	03.53	34.88	27.76	00.429	1479.6							
	085	00900	03.53	34.88	27.76		1479.6							
	STD	01000	03.59	34.90	27.77	00.471	1481.6							
	085	01000	03.59	34.90	27.77		1481.6							
	085	01020	03.64	34.90	27.77		1482.1							

TABLE IX.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 31 December 1972-1 January 1973, Prepared from NODC Listing No. 31-8327.

REFID 31 8327	YEAR 1972	BOTDP 00146	AIR TEMP -08.3	DIR HGT PER	WIND-DIR 27	INST STD RECORDER	TEN SQ 1306
CUNSEL 0001	MONTH 12	SHIP 3L	WET BULB -08.3	33 4 2	WIND-SPD 25	TRACE DIR D	5 SQUARE 4
LAT 47 02 N	DAY 31	DATA USE 1	BAROMETR 1031.2	SEA	WIND-FUR	DURATION	2 SQUARE 66
LUNG 047 59 W	HOOR 15.9	AREA 05	CLOUD T/A	CL/TR	WEATHER X7	ORIG A2 056	1 SQUARE 77

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
	STD	00000	- 1.08	32.84	26.43	00.000	1441.3							
15.9	D85	00000	- 1.08	32.84	26.43		1441.3							
	STD	00010	- 1.10	32.85	26.44	00.016	1441.4							
	D85	00010	- 1.10	32.85	26.44		1441.4							
	STD	00020	- 1.10	32.85	26.44	00.032	1441.5							
	D85	00020	- 1.10	32.85	26.44		1441.5							
	STD	00030	- 1.10	32.86	26.44	00.048	1441.7							
	D85	00030	- 1.10	32.86	26.44		1441.7							
	STD	00050	- 1.10	32.86	26.44	00.080	1442.0							
	D85	00050	- 1.10	32.86	26.44		1442.0							
	STD	00075	- 0.99	32.94	26.51	00.119	1443.1							
	D85	00075	- 0.99	32.94	26.51		1443.1							
	D85	00091	- 1.12	32.99	26.55		1442.8							
	STD	00100	- 1.17	33.27	26.78	00.154	1443.1							
	D85	00100	- 1.17	33.27	26.78		1443.1							
	STD	00125	- 1.26	33.31	26.81	00.185	1443.2							
	D85	00125	- 1.26	33.31	26.81		1443.2							

REFID 31 8327	YEAR 1973	BUTDP 00162	AIR TEMP -06.7	DIR HGT PER	WIND-DIR 32	INST STD RECORDER	TEN SQ 1306
CUNSEL 0002	MONTH 01	SHIP 3L	WET BULB -06.7	36 5 2	WIND-SPD 24	TRACE DIR D	5 SQUARE 4
LAT 46 58 N	DAY 01	DATA USE 1	BAROMETR 1035.9	SEA	WIND-FUR	DURATION	2 SQUARE 66
LUNG 047 40 W	HOOR 01.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG A2 056	1 SQUARE 67

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
	STD	00000	- 1.42	32.96	26.53	00.000	1439.8							
01.5	D85	00000	- 1.42	32.96	26.53		1439.8							
	STD	00010	- 1.42	32.96	26.53	00.015	1440.0							
	D85	00010	- 1.42	32.96	26.53		1440.0							
	STD	00020	- 1.42	32.96	26.53	00.030	1440.2							
	D85	00020	- 1.42	32.96	26.53		1440.2							
	STD	00030	- 1.42	32.96	26.53	00.045	1440.3							
	D85	00030	- 1.42	32.96	26.53		1440.3							
	STD	00050	- 1.42	32.96	26.53	00.075	1440.7							
	D85	00050	- 1.42	32.96	26.53		1440.7							
	STD	00075	- 1.42	32.96	26.53	00.113	1441.1							
	D85	00075	- 1.42	32.96	26.53		1441.1							
	D85	00085	- 1.43	32.97	26.54		1441.2							
	D85	00089	- 1.37	32.97	26.54		1441.0							
	D85	00094	- 1.21	33.06	26.61		1442.5							
	STD	00100	- 1.15	33.09	26.63	00.149	1442.9							
	D85	00100	- 1.15	33.09	26.63		1442.9							
	STD	00125	- 1.12	33.16	26.65	00.184	1443.0							
	D85	00125	- 1.12	33.16	26.69		1443.6							
	STD	00150	- 0.97	33.33	26.82	00.216	1445.0							
	D85	00150	- 0.97	33.33	26.82		1445.0							
	D85	00160	- 0.83	33.49	26.95		1446.0							

REFID 31 8327	YEAR 1973	BUTOP 00215	AIR TEMP -05.5	DIR HGT PER	WIND-DIR 29	INST STD RECORDER	TEN SQ 1306
CUNSEL 0003	MONTH 01	SHIP 3L	WET BULB -05.5	03 5 2	WIND-SPD 20	TRACE DIR D	5 SQUARE 4
LAT 46 59 N	DAY 01	DATA USE 1	BAROMETR 1034.9	SEA	WIND-FUR	DURATION	2 SQUARE 66
LUNG 047 31 W	HOOR 03.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG A2 056	1 SQUARE 67

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
	STD	00000	- 1.34	33.09	26.64	00.000	1440.4							
03.3	D85	00000	- 1.34	33.09	26.64		1440.4							
	STD	00010	- 1.34	33.09	26.64	00.014	1440.6							
	D85	00010	- 1.34	33.09	26.64		1440.6							
	STD	00020	- 1.33	33.10	26.65	00.028	1440.8							
	D85	00020	- 1.33	33.10	26.65		1440.8							
	STD	00030	- 1.32	33.10	26.65	00.042	1441.0							
	D85	00030	- 1.32	33.10	26.65		1441.0							
	STD	00050	- 1.27	33.11	26.65	00.070	1441.6							
	D85	00050	- 1.27	33.11	26.65		1441.6							
	STD	00075	- 1.16	33.15	26.68	00.105	1442.5							
	D85	00075	- 1.18	33.15	26.68		1442.5							
	STD	00100	- 1.08	33.19	26.71	00.138	1443.4							
	D85	00100	- 1.08	33.19	26.71		1443.4							
	STD	00125	- 0.98	33.37	26.85	00.170	1444.6							
	D85	00125	- 0.98	33.37	26.85		1444.6							
	STD	00150	- 0.78	33.49	26.94	00.199	1446.1							
	D85	00150	- 0.78	33.49	26.94		1446.1							
	D85	00175	- 0.79	33.50	26.95		1446.4							
	D85	00190	- 0.78	33.53	26.98		1446.8							

TABLE IX.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 31 December 1972–1 January 1973, Prepared from NODC Listing No. 31-8327.—Continued

REFID 31 8327	YEAR 1973	BUTDP 01252	AIR TEMP -03.9	DIR FGT PER	WIND-OIR 30	INST STO RECORDER	TEN SQ 1306
CUNSEC 0004	MONTH 01	SHIP 3L	WET BULB -03.9	30 + 2	WIND-SPO 20	THACE OIR 0	5 SQUARE 4
LAT 47 00 N	DAY 01	DATA JSE 1	BAROMETR 1034.9	SEA	WIND-FOR	DURATION	2 SQUARE 66
LLNG 046 56 W	HOOR 08.9	AREA 05	CLGUD T/A	CL/TP	WEATHER X1	ORIG A2 056	1 SQUARE 76

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PU4	TOT P	NO2	NO3	SIO3	PH
08.9	STD	00000	- 1.03	33.25	26.76	00.000	1442.1							
	OBS	00000	- 1.03	33.25	26.76		1442.1							
	STD	00010	- 1.04	33.24	26.75	00.013	1442.2							
	OBS	00010	- 1.04	33.24	26.75		1442.2							
	STD	00020	- 1.04	33.23	26.74	00.026	1442.3							
	OBS	00020	- 1.04	33.23	26.74		1442.3							
	STD	00030	- 1.03	33.26	26.77	00.039	1442.6							
	OBS	00030	- 1.03	33.26	26.77		1442.6							
	STD	00039	- 1.04	33.33	26.82		1442.8							
	OBS	00039	- 1.04	33.33	26.82		1442.8							
	STD	00050	- 0.68	33.43	26.85	00.064	1444.8							
	OBS	00050	- 0.68	33.43	26.85		1444.8							
	STD	00069	- 0.57	33.50	26.94		1445.7							
	OBS	00069	- 0.57	33.50	26.94		1445.7							
	STD	00075	- 0.57	33.50	26.94	00.092	1445.8							
	OBS	00075	- 0.57	33.50	26.94		1445.8							
	STD	00087	- 0.57	33.59	27.02		1446.1							
	OBS	00087	- 0.57	33.59	27.02		1446.1							
	STD	00100	- 0.29	33.64	27.04	00.119	1447.7							
	OBS	00100	- 0.29	33.64	27.04		1447.7							
	STD	00125	- 0.21	33.64	27.04	00.145	1448.5							
	OBS	00125	- 0.21	33.64	27.04		1448.5							
	STD	00150	- 0.18	33.67	27.06	00.170	1449.1							
	OBS	00150	- 0.18	33.67	27.06		1449.1							
	STD	00200	01.26	34.05	27.29	00.215	1457.0							
	OBS	00200	01.26	34.05	27.29		1457.0							
	STD	00221	01.07	34.21	27.43		1456.7							
	OBS	00221	01.07	34.21	27.43		1456.7							
	STD	00250	01.65	34.31	27.47	00.251	1459.9							
	OBS	00250	01.65	34.31	27.47		1459.9							
	STD	00300	02.29	34.49	27.56	00.280	1463.8							
	OBS	00300	02.29	34.49	27.56		1463.8							
	STD	00400	03.57	34.72	27.63	00.333	1471.3							
	OBS	00400	03.57	34.72	27.63		1471.3							
	STD	00452	04.07	34.83	27.67		1474.4							
	OBS	00452	04.07	34.83	27.67		1474.4							
	STD	00500	04.13	34.86	27.68	00.362	1475.5							
	OBS	00500	04.13	34.86	27.68		1475.5							
	STD	00580	04.19	34.90	27.71		1477.1							
	OBS	00580	04.19	34.90	27.71		1477.1							

TABLE IX.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 31 December 1972-1 January 1973, Prepared from NODC Listing No. 31-8327.—Continued

REFID	31	8327	YEAR	1973	BOTOP	01116	AIR TEMP	-01.7	DIR HGT PER	WIND-DIR	31	INST STO RECORDER	TEN SQ	1306
CONSEC	0005		MONTH	01	SHIP	3L	WET BULB	-01.7	31 3 2	WIND-SPO	20	TRACE DIR	5 SQUARE	4
LAT	47 02 N		DAY	01	DATA USE	1	BAROMETR	1034.9	SEA	WIND-FUR		DURATION	2 SQUARE	66
LONG	046 50 W		HOUR	13.7	AREA	05	CLOUD T/A		CL/T/R	WEATHER	X1	ORIG AZ 056	1 SQUARE	76

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
13.7	STO	00000	01.58	33.62	26.92	00.000	1454.5							
	0BS	00000	01.58	33.62	26.92		1454.5							
	STO	00010	01.58	33.61	26.91	00.011	1454.7							
	0BS	00010	01.58	33.61	26.91		1454.7							
	STO	00020	01.58	33.61	26.91	00.023	1454.8							
	0BS	00020	01.58	33.61	26.91		1454.8							
	STO	00030	01.57	33.61	26.91	00.034	1454.9							
	0BS	00030	01.57	33.61	26.91		1454.9							
	STO	00037	01.54	33.65	26.95		1455.0							
	0BS	00037	01.54	33.65	26.95		1455.0							
	STO	00050	01.39	33.68	26.98	00.057	1455.6							
	0BS	00050	01.39	33.68	26.98		1455.6							
	STO	00065	00.71	33.74	27.07		1451.3							
	0BS	00065	00.71	33.74	27.07		1451.3							
	STO	00075	00.67	33.77	27.09	00.083	1452.8							
	0BS	00075	00.67	33.77	27.09		1452.8							
	STO	00100	00.84	33.80	27.11	00.107	1453.1							
	0BS	00100	00.84	33.80	27.11		1453.1							
	STO	00115	01.13	33.84	27.13		1454.7							
	0BS	00115	01.13	33.84	27.13		1454.7							
	STO	00125	01.35	33.96	27.21	00.130	1456.0							
	0BS	00125	01.35	33.96	27.21		1456.0							
	STO	00134	01.53	34.01	27.24		1457.0							
	0BS	00134	01.53	34.01	27.24		1457.0							
	STO	00141	02.67	34.35	27.42		1462.6							
	0BS	00141	02.67	34.35	27.42		1462.6							
	STO	00150	03.18	34.46	27.46	00.149	1465.1							
	0BS	00150	03.18	34.46	27.46		1465.1							
	STO	00200	04.32	34.78	27.60	00.179	1471.2							
	0BS	00200	04.32	34.78	27.60		1471.2							
	STO	00250	04.34	34.82	27.63	00.203	1472.2							
	0BS	00250	04.34	34.82	27.63		1472.2							
	STO	00300	04.28	34.85	27.66	00.228	1472.8							
	0BS	00300	04.28	34.85	27.66		1472.8							
	STO	00320	04.32	34.87	27.67		1473.3							
	0BS	00320	04.32	34.87	27.67		1473.3							
	STO	00360	04.12	34.86	27.68		1473.1							
	0BS	00360	04.12	34.86	27.68		1473.1							
	STO	00400	04.04	34.87	27.70	00.274	1473.4							
	0BS	00400	04.04	34.87	27.70		1473.4							
	STO	00500	03.96	34.89	27.72	00.317	1474.8							
	0BS	00500	03.96	34.89	27.72		1474.8							
	STO	00600	03.97	34.91	27.74	00.360	1476.5							
	0BS	00600	03.97	34.91	27.74		1476.5							
	STO	00700	04.03	34.92	27.74	00.403	1478.4							
	0BS	00700	04.03	34.92	27.74		1478.4							
	STO	00800	03.94	34.92	27.75	00.446	1479.7							
	0BS	00800	03.94	34.92	27.75		1479.7							
	STO	00900	03.88	34.91	27.75	00.450	1481.1							
	0BS	00900	03.88	34.91	27.75		1481.1							
	STO	01000	03.68	34.90	27.76	00.533	1481.9							
	0BS	01000	03.68	34.90	27.76		1481.9							
	STO	01062	03.68	34.90	27.76		1483.0							
	0BS	01062	03.68	34.90	27.76		1483.0							

REFID	31	8327	YEAR	1973	BOTOP	00677	AIR TEMP	-00.6	DIR HGT PER	WIND-DIR	24	INST STO RECORDER	TEN SQ	1306
CONSEC	0006		MONTH	01	SHIP	3L	WET BULB	-00.6	34 5 3	WIND-SPO	18	TRACE DIR	5 SQUARE	4
LAT	47 00 N		DAY	01	DATA USE	1	BAROMETR	1032.2	SEA	WIND-FUR		DURATION	2 SQUARE	66
LONG	046 34 W		HOUR	16.8	AREA	05	CLOUD T/A		CL/T/R	WEATHER	X1	ORIG AZ 056	1 SQUARE	76

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SI03	PH
16.8	STO	00000	01.79	33.40	26.73	00.000	1455.1							
	0BS	00000	01.79	33.40	26.73		1455.1							
	STO	00010	01.79	33.40	26.73	00.013	1455.3							
	0BS	00010	01.79	33.40	26.73		1455.3							
	STO	00020	01.78	33.40	26.73	00.026	1455.4							
	0BS	00020	01.78	33.40	26.73		1455.4							
	STO	00030	01.74	33.43	26.75	00.040	1455.7							
	0BS	00030	01.79	33.43	26.75		1455.7							
	STO	00050	01.79	33.66	26.94	00.064	1456.3							
	0BS	00050	01.79	33.66	26.94		1456.3							
	STO	00075	01.80	33.84	27.08	00.090	1457.0							
	0BS	00075	01.80	33.84	27.08		1457.0							
	STO	00100	01.79	34.23	27.35	00.112	1457.9							
	0BS	00100	01.79	34.23	27.35		1457.9							
	STO	00108	01.79	34.45	27.57		1458.4							
	0BS	00108	01.79	34.45	27.57		1458.4							
	STO	00125	02.60	34.47	27.52 *	00.128	1462.2							
	0BS	00125	02.60	34.47	27.52		1462.2							
	STO	00150	03.47	34.59	27.54	00.142	1466.5							
	0BS	00150	03.47	34.59	27.54		1466.5							
	STO	00200	04.02	34.72	27.58	00.170	1469.9							
	0BS	00200	04.02	34.72	27.58		1469.9							
	STO	00208	04.13	34.76	27.60		1470.5							
	0BS	00208	04.13	34.76	27.60		1470.5							
	STO	00250	04.21	34.81	27.63	00.195	1471.6							
	0BS	00250	04.21	34.81	27.63		1471.6							
	STO	00300	04.27	34.86	27.67	00.219	1472.7							
	0BS	00300	04.27	34.86	27.67		1472.7							
	STO	00400	04.39	34.93	27.71	00.264	1475.0							
	0BS	00400	04.39	34.93	27.71		1475.0							
	STO	00500	04.33	34.94	27.72	00.308	1476.4							
	0BS	00500	04.33	34.94	27.72		1476.4							

TABLE IX.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 31 December 1972–1 January 1973, Prepared from NODC Listing No. 31–8327.—Continued

REFID 31 8327	YEAR 1973	80TOP 00329	AIR TEMP -00.6	DIR HGT PER	WIND-DIR 24	INST STO RECORDER	TEN SQ 1306
CONSEC 0007	MONTH 01	SHIP 3L	WET BULB -00.6	34 4 3	WIND-SPD 14	TRACE DIR 0	5 SQUARE 4
LAT 47 02.5N	DAY 01	DATA USE 1	BAROMETR 1031.8	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 046 14 W	HOOR 18.3	AREA 05	CLOUD 17A	CL/TR	WEATHER X1	ORIG A2 U56	1 SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
18.3	STD	00000	02.56											
	OBS	00000	02.56											
	OBS	00005	02.56											
	STD	00010	02.56											
	OBS	00010	02.56											
	STD	00020	02.57											
	OBS	00020	02.57											
	STD	00030	02.56											
	OBS	00030	02.56											
	STD	00050	02.56											
	OBS	00050	02.56											
	STD	00075	02.63											
	OBS	00075	02.63											
	OBS	00088	02.59											
	OBS	00094	03.36	34.29	27.31		1464.7							
	STD	00100	03.21	34.29	27.32		1464.2							
	OBS	00100	03.21	34.29	27.32		1464.2							
	OBS	00105	03.22	34.33	27.35		1464.4							
	OBS	00109	02.88	34.29	27.35		1462.9							
	OBS	00113	03.43	34.45	27.43		1465.6							
	STD	00125	03.51	34.48	27.44		1466.1							
	OBS	00125	03.51	34.48	27.44		1466.1							
	OBS	00136	04.09	34.59	27.47		1468.9							
	STD	00150	04.01	34.61	27.50		1468.8							
	OBS	00150	04.01	34.61	27.50		1468.8							
	OBS	00155	03.94	34.60	27.50		1468.6							
	OBS	00159	04.07	34.65	27.52		1469.3							
	STD	00200	04.31	34.78	27.60		1471.1							
	OBS	00200	04.31	34.78	27.60		1471.1							
	STD	00250	04.34	34.82	27.63		1472.1							
	OBS	00250	04.34	34.82	27.63		1472.1							
	OBS	00276	04.33	34.85	27.65		1472.6							

REFID 31 8327	YEAR 1973	80TOP 00274	AIR TEMP 00.0	DIR HGT PER	WIND-DIR 23	INST STO RECORDER	TEN SQ 1306
CONSEC 0008	MONTH 01	SHIP 3L	WET BULB 00.0	22 2 2	WIND-SPD 18	TRACE DIR 0	5 SQUARE 4
LAT 47 02 N	DAY 01	DATA USE 1	BAROMETR 1031.8	SEA	WIND-FOR	DURATION	2 SQUARE 64
LONG 045 51.5W	HOOR 20.3	AREA 05	CLOUD 17A	CL/TR	WEATHER X2	ORIG A2 O56	1 SQUARE 75

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
20.3	STD	00000	02.51											
	OBS	00000	02.51											
	STD	00010	02.51											
	OBS	00010	02.51											
	STD	00020	02.51											
	OBS	00020	02.51											
	STD	00030	02.50											
	OBS	00030	02.50											
	STD	00050	02.50											
	OBS	00050	02.50											
	OBS	00063	02.71											
	STD	00075	02.84	34.12	27.22		1461.9							
	OBS	00075	02.84	34.12	27.22		1461.9							
	OBS	00083	02.94	34.21	27.28		1462.6							
	STD	00100	03.17	34.37	27.39		1464.1							
	OBS	00100	03.17	34.37	27.39		1464.1							
	STD	00125	03.39	34.45	27.43		1465.6							
	OBS	00125	03.39	34.45	27.43		1465.6							
	STD	00150	03.64	34.55	27.49		1467.2							
	OBS	00150	03.64	34.55	27.49		1467.2							
	STD	00200	03.86	34.66	27.55		1469.1							
	OBS	00200	03.86	34.66	27.55		1469.1							
	STD	00250	04.07	34.81	27.65		1471.0							
	OBS	00250	04.07	34.81	27.65		1471.0							

TABLE IX.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 31 December 1972–1 January 1973, Prepared from NODC Listing No. 31–8327.—Continued

REFID 31 8327	YEAR 1973	BOTOP 00311	AIR TEMP 01.1	DIR HGT PER	WIND-DIR 21	INST STO RECORDER	TEN 50 1306
CONSEC 0009	MONTH 01	SHIP 3L	WET BULB 01.1	36 4 2	WIND-SPD 18	TRACE DIR 0	5 SQUARE 4
LAT 47 20 N	DAY 01	DATA USE 1	BAROMETR 1028.1	SEA	WIND-FOR	DURATION	2 SQUARE 64
LONG 045 50 W	HOOR 22.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X7	ORIG A2 056	1 SQUARE 75

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P04	TOT P	N02	N03	S103	PH
	ST0	00000	02.49	33.23	26.54	00.000	1458.0							
22.5	085	00000	02.49	33.23	26.54		1458.0							
	ST0	00010	02.50	33.23	26.54	00.015	1458.2							
	085	00010	02.50	33.23	26.54		1458.2							
	ST0	00020	02.50	33.23	26.54	00.030	1458.4							
	085	00020	02.50	33.23	26.54		1458.4							
	ST0	00030	02.49	33.23	26.54	00.045	1458.5							
	085	00030	02.49	33.23	26.54		1458.5							
	ST0	00050	02.49	33.22	26.53	00.075	1458.8							
	085	00050	02.49	33.22	26.53		1458.8							
	ST0	00075	02.50	33.23	26.54	00.113	1459.3							
	085	00075	02.50	33.23	26.54		1459.3							
	ST0	00100	02.50	33.23	26.54	00.151	1459.7							
	085	00100	02.50	33.23	26.54		1459.7							
	085	00110	02.58	33.35	26.63		1460.4							
	085	00114	02.67	33.70	26.90		1461.3							
	ST0	00125	02.75	33.97	27.11	00.182	1462.2							
	085	00125	02.75	33.97	27.11		1462.2							
	085	00135	03.22	34.43	27.43		1465.0							
	ST0	00150	03.51	34.57	27.52	00.201	1466.7							
	085	00150	03.51	34.57	27.52		1466.7							
	085	00175	03.88	34.69	27.57		1468.8							
	ST0	00200	04.16	34.75	27.59	00.229	1470.6							
	085	00200	04.18	34.75	27.59		1470.6							
	085	00215	04.13	34.76	27.60		1470.6							
	085	00228	04.22	34.81	27.63		1471.3							
	ST0	00250	04.25	34.84	27.65	00.254	1471.8							
	085	00250	04.25	34.84	27.65		1471.8							
	085	00282	04.17	34.86	27.68		1472.0							

TABLE X.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, 8-10 September 1972, Prepared from NODC Listing No. 31-2137.

REF ID 31 2137 YEAR 1972 BUOTOP 04687 AIR TEMP 17.6 DIR HGT PER WIND-DIR 30 INST NANSEN CAST TEN SQ 1306
 CONSEC 0001 MONTH 09 SHIP HT MET DULB 15.1 06 3 3 WIND-SPD 10 TRACE DIR 5 SQUARE 1
 LAT 43 55 N DAY 08 DATA USE 1 BAROMETR 1011.1 SEA WIND-FUR ORIENTATION 2 SQUARE 22
 LONG 043 41 W HOUR 08.5 AREA 05 CLOUD T/A 0/8 CL/TR WEATHER X2 ORIG A3 059 1 SQUARE 33

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SWD VEL	OXYG	PH4	TCT P	NO2	NO3	SIO3	PH
	ST0	00000	17.81	32.93	23.75	00.000	1513.5							
08.5	085	00000	17.81	32.927	23.75		1513.5							
	ST0	00010	17.85	33.18	23.93	00.041	1514.1							
	ST0	00020	17.90	33.44	24.12	00.080	1514.7							
09.5	085	00023	17.91	33.515	24.18		1514.8							
	ST0	00030	13.84	33.61	25.17	00.113	1502.4							
09.5	085	00046	09.34	34.141	26.41		1487.6							
	ST0	00050	10.59	34.51	26.49	00.157	1492.7							
08.5	085	00068	14.05	35.581	26.64		1506.2							
	ST0	00075	13.86	35.57	26.66	00.194	1505.7							
08.5	085	00091	13.37	35.530	26.75		1504.3							
	ST0	00100	13.21	35.49	26.75	00.226	1503.8							
	ST0	00125	12.21	35.31	26.81	00.260	1500.6							
08.5	085	00135	11.57	35.197	26.84		1498.4							
	ST0	00150	09.57	34.86	26.93	00.291	1491.1							
08.5	085	00183	06.62	34.372	27.00		1479.7							
	ST0	00200	07.19	34.51	27.03	00.347	1482.4							
	ST0	00250	08.18	34.78	27.09	00.400	1487.4							
08.5	085	00268	08.30	34.828	27.11		1488.2							
	ST0	00300	07.83	34.79	27.15	00.450	1486.9							
08.5	085	00352	07.14	34.744	27.22		1485.0							
	ST0	00400	06.56	34.76	27.31	00.540	1483.6							
	ST0	00500	05.69	34.61	27.46	00.616	1481.8							
08.5	085	00519	05.57	34.817	27.48		1481.6							
	ST0	00600	05.43	34.90	27.56	00.662	1482.5							
08.5	085	00680	05.25	34.949	27.63		1483.2							
	ST0	00700	05.18	34.95	27.64	00.740	1483.2							
	ST0	00800	04.85	34.95	27.66	00.793	1483.6							
08.5	085	00848	04.72	34.956	27.69		1483.8							
08.5	085	001292	04.19	34.965	27.76		1489.0							
	ST0	01300	04.18	34.96	27.76		1489.1							
	ST0	01400	04.08	34.96	27.77		1490.4							
	ST0	01500	03.99	34.96	27.78		1491.7							
	ST0	01750	03.77	34.95	27.79		1495.0							
11.2	085	01873	03.67	34.950	27.80		1496.6							
	ST0	02000	03.59	34.95	27.81		1498.5							
11.2	085	02339	03.37	34.937	27.82		1503.3							
	ST0	02500	03.26	34.94	27.83		1505.6							
11.2	085	02794	03.03	34.931	27.85		1509.7							
	ST0	03000	02.82	34.93	27.87		1512.3							
11.2	085	03265	02.61	34.920	27.88		1516.0							
11.2	085	03374	02.40	34.899	27.88		1523.3							

REF ID 31 2137 YEAR 1972 BUOTOP 04694 AIR TEMP 18.0 DIR HGT PER WIND-DIR 31 INST NANSEN CAST TEN SQ 1306
 CONSEC 0002 MONTH 09 SHIP HT MET DULB 15.0 05 5 4 WIND-SPD 15 TRACE DIR 5 SQUARE 1
 LAT 43 37 N DAY 09 DATA USE 1 BAROMETR 1010.7 SEA WIND-FUR ORIENTATION 2 SQUARE 24
 LONG 044 38 W HOUR 17.9 AREA 05 CLOUD T/A 8/6 CL/TR WEATHER X1 ORIG A3 059 1 SQUARE 34

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SWD VEL	OXYG	PH4	TCT P	NO2	NO3	SIO3	PH
	ST0	00000	19.04	33.24	23.69	00.000	1517.4							
17.9	085	00000	19.04	33.240	23.69		1517.4							
	ST0	00010	16.65	33.29	24.30	00.039	1510.6							
	ST0	00020	14.53	33.33	24.81	00.073	1504.2							
17.9	085	00022	14.14	33.344	24.90		1502.9							
	ST0	00030	12.27	33.95	25.74	00.100	1497.0							
17.9	085	00044	10.54	34.727	26.66		1492.7							
	ST0	00050	11.01	34.90	26.71	00.136	1494.7							
17.9	085	00066	11.75	35.209	26.82		1498.0							
	ST0	00075	11.66	35.27	26.88	00.160	1497.9							
17.9	085	00088	11.53	35.283	26.92		1497.6							
	ST0	00100	10.14	35.07	26.99	00.197	1492.8							
	ST0	00125	07.81	34.70	27.09	00.223	1483.8							
17.9	085	00131	07.33	34.629	27.10		1482.0							
	ST0	00150	06.10	34.46	27.14	00.248	1477.2							
17.9	085	00180	04.74	34.301	27.17		1472.0							
	ST0	00200	04.78	34.36	27.22	00.294	1472.5							
	ST0	00250	04.86	34.50	27.32	00.336	1473.9							
17.9	085	00267	04.88	34.546	27.35		1474.3							
	ST0	00300	04.91	34.62	27.41	00.374	1475.1							
17.9	085	00355	04.95	34.761	27.51		1476.3							
	ST0	00400	05.65	34.95	27.58	00.438	1480.2							
17.9	085	00447	05.92	35.353	27.63		1482.2							
	ST0	00500	05.42	35.01	27.65	00.492	1481.0							
17.9	085	00534	05.16	34.988	27.67		1480.5							
	ST0	00600	04.91	34.98	27.69	00.542	1480.5							
	ST0	00700	04.62	34.96	27.71	00.590	1481.0							
17.9	085	00709	04.60	34.963	27.71		1481.0							
	ST0	00800	04.47	34.96	27.73	00.637	1482.0							
17.9	085	00889	04.36	34.963	27.74		1483.0							
17.9	085	001336	03.99	34.966	27.78		1488.9							

TABLE X.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, 8-10 September 1972, Prepared from NOIC Listing No. 31-2137.—Continued

REF ID	31	2137	YEAR	1972	BO TOP	04358	AIR TEMP	16.2	OIR HGT PER		WIND-OIR	28	INST NANSEN	CAS	TEN SQ	1306		
CONSEC		0003	MONTH	09	SHIP HT		WET BULB	16.2	05	5	4	WIND-SPD	25	TRACE OIR		5 SQUARE	1	
LAT	43	45	N	OAY	06	DATA USE	1	BAROMETR	1006.1	SEA		WIND-FOR		DURATION		2 SQUARE	24	
LONG	044	25	W	HOUR	23.1	AREA	05	CLOUD T/A	B/B	CL/T/R		WEATHER	X6	ORIG	A3	059	1 SQUARE	34

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PJ4	TOT P	NO2	NO3	SI03	PH
	STD	00000	19.17	34.44	24.57	00.000	1519.2							
23.1	OBS	00000	19.17	34.438	24.57		1519.2							
	STD	00010	17.53	34.32	24.89	00.032	1514.5							
	STD	00020	16.01	34.21	25.16	00.062	1509.9							
23.1	OBS	00027		34.150										
	STD	00033	14.61	34.37	25.59	00.088	1505.9							
	STD	00050	12.19	35.33	26.83	00.125	1499.4							
23.1	OBS	00050	12.19	35.328	26.83		1499.4							
	STD	00075	09.83	34.89	26.92	00.155	1490.7							
23.1	OBS	00076	09.63	34.874	26.94		1490.2							
	STD	00100	09.16	34.93	27.06	00.182	1488.9							
23.1	OBS	00100	09.16	34.933	27.06		1488.9							
	STD	00125	08.08	34.77	27.10	00.207	1485.0							
	STD	00150	07.30	34.66	27.13	00.232	1482.2							
23.1	OBS	00150	07.30	34.654	27.13		1482.2							
	STD	00200	06.64	34.63	27.20	00.279	1480.4							
23.1	OBS	100200	06.64	34.631	27.20		1480.4							
	STD	00250	06.00	34.75	27.30	00.322	1481.3							
23.1	OBS	00253	06.26	34.805	27.39		1480.8							
	STD	00300	06.21	34.80	27.39	00.361	1480.6							
23.1	OBS	100395	04.64	34.720	27.52		1475.7							
	STD	00400	04.63	34.73	27.52	00.429	1475.7							
23.1	OBS	00490	04.62	34.868	27.64		1477.3							
	STD	00500	04.66	34.88	27.64	00.486	1477.7							
23.1	OBS	100583	04.63	34.961	27.69		1479.9							
	STD	00600	04.73	34.95	27.69	00.536	1479.7							
	STD	00700	04.26	34.91	27.71	00.583	1479.4							
23.1	OBS	100772	04.08	34.900	27.72		1479.8							
	STD	00800	04.10	34.91	27.73	00.629	1480.4							
	STD	00900	04.16	34.94	27.74	00.675	1482.3							
23.1	OBS	100955	04.18	34.954	27.75		1483.3							
23.1	OBS	101438	03.85	34.942	27.78		1490.0							

REF ID	31	2137	YEAR	1972	BO TOP	04041	AIR TEMP	16.2	OIR HGT PER		WIND-OIR	04	INST NANSEN	CAS	TEN SQ	1306		
CONSEC		0004	MONTH	09	SHIP HT		WET BULB	16.0	05	5	4	WIND-SPD	21	TRACE OIR		5 SQUARE	2	
LAT	44	01	N	OAY	09	DATA USE	1	BAROMETR	1008.3	SEA		WIND-FOR		DURATION		2 SQUARE	44	
LONG	045	55	W	HOUR	04.1	AREA	05	CLOUD T/A	B/B	CL/T/R		WEATHER	X6	ORIG	A3	059	1 SQUARE	45

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PJ4	TOT P	NO2	NO3	SI03	PH
	STD	00000	19.65	34.24	24.30	00.000	1520.3							
04.1	OBS	00000	19.65	34.244	24.30		1520.3							
	STD	00010	12.66	33.82	25.57	00.030	1458.4							
	STD	00020	08.51	33.40	25.97	00.053	1483.1							
04.1	OBS	00025	07.49	33.193	25.95		1479.0							
	STD	00030	09.15	33.82	26.15	00.072	1486.2							
	STD	00050	13.04	35.40	26.71	00.104	1502.3							
04.1	OBS	00050	13.04	35.400	26.71		1502.3							
	STD	00075	11.68	35.26	26.87	00.136	1497.9							
04.1	OBS	00075	11.68	35.264	26.87		1497.9							
	STD	00100	10.15	34.99	26.93	00.166	1492.6							
04.1	OBS	00100	10.15	34.986	26.93		1492.6							
	STD	00125	09.26	34.94	27.05	00.193	1489.7							
	STD	00150	08.92	34.89	27.07	00.219	1488.7							
04.1	OBS	00150	08.92	34.895	27.07		1488.7							
	STD	00200	10.03	35.25	27.16	00.269	1494.1							
04.1	OBS	100205	10.07	35.273	27.17		1494.4							
	STD	00250	09.31	35.20	27.24	00.315	1492.2							
	STD	00300	08.06	35.07	27.34	00.357	1486.2							
04.1	OBS	00305	07.91	35.056	27.35		1487.7							
	STD	00400	04.13	34.63	27.50	00.429	1473.5							
04.1	OBS	100405	04.05	34.626	27.51		1473.2							
	STD	00500	05.01	34.92	27.64	00.486	1479.2							
04.1	OBS	00510	05.06	34.943	27.64		1479.6							
	STD	00600	05.05	34.99	27.68	00.537	1481.1							
04.1	OBS	100610	05.05	34.992	27.68		1481.3							
	STD	00700	04.96	35.01	27.70	00.566	1482.5							
	STD	00800	04.84	35.02	27.73	00.634	1483.6							
04.1	OBS	100810	04.82	35.022	27.73		1483.7							
	STD	00900	04.57	35.00	27.74	00.680	1484.1							
	STD	01000	04.32	34.97	27.75	00.726	1484.7							
04.1	OBS	101015	04.29	34.970	27.75		1484.8							
04.1	OBS	101525	03.72	34.936	27.79		1491.0							

TABLE X.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, 8-10 September 1972, Prepared from NODC Listing No. 31-2137.—Continued

REF ID	31	2137	YEAR	1972	BOATOP	03dd6	AIR TEMP	15.0	DIR HGT	PER	WIND-DIR	32	INST	NANSEN	CST	TEN SQ	1306	
CUNSEC		0005	MONTH	09	SHIP HT		WET BULB	14.7	32	3	2	WIND-SPO	15	TRACE	DIR	5	SQUARE	2
LAT	44	07 N	DAY	09	DATA USE	1	BAROMETR	1010.0	SEA		WIND-FGR		DURATION			2	SQUARE	46
LONG	046	32 W	MOUP	08-6	AREA	05	CLOUD T/A	7/8	CL/TH		WEATHER	X6	ORIG	A3	059	1	SQUARE	46

CSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	P14	TOT P	NO2	NO3	SIO3	PH
	STU	00000	17.19	32.99	23.95	00.000	1511.7							
08.6	085	00000	17.19	32.992	23.95		1511.7							
	STU	00010	16.90	32.97	24.00	00.039	1511.0							
	STU	00020	16.01	32.95	24.06	00.078	1510.2							
08.6	085	00024	16.50	32.946	24.08		1509.9							
	STU	00030	13.22	33.34	25.09	00.112	1500.0							
08.6	085	00049	06.56	34.175	26.85		1477.0							
	STU	00050	06.53	34.18	26.86	00.153	1476.9							
08.6	085	00073	06.24	34.307	27.00		1476.3							
	STU	00075	06.30	34.33	27.00	00.182	1476.6							
08.6	085	00096	06.86	34.513	27.08		1479.5							
	STU	00100	06.87	34.52	27.08	00.208	1479.6							
	STU	00125	06.99	34.63	27.15	00.232	1480.6							
08.6	085	00146	07.10	34.665	27.16		1481.4							
	STU	00150	06.98	34.66	27.17	00.256	1481.0							
	STU	00200	05.85	34.60	27.27	00.300	1477.2							
08.6	085	00200	05.85	34.597	27.27		1477.2							
	STU	00250	05.82	34.73	27.38	00.339	1478.1							
08.6	085	00298	05.80	34.811	27.45		1473.9							
	STU	00300	05.77	34.81	27.45	00.374	1478.8							
08.6	085	00396	04.85	34.617	27.57		1476.7							
	STU	00430	04.85	34.62	27.57	00.437	1476.7							
08.6	085	00498	04.85	34.921	27.65		1478.5							
	STU	00500	04.86	34.92	27.65	00.491	1478.6							
08.6	085	00596	05.09	35.007	27.65		1481.2							
	STU	00600	05.08	35.01	27.69	00.540	1481.2							
	STU	00700	04.75	34.98	27.71	00.588	1481.5							
08.6	085	00791	04.52	34.965	27.72		1482.0							
	STU	00800	04.51	34.96	27.72	00.635	1482.1							
	STU	00900	04.37	34.96	27.74	00.682	1483.3							
08.6	085	00991	04.26	34.962	27.75		1486.3							
08.6	085	001490	03.77	34.929	27.78		1490.6							

REF ID	31	2137	YEAR	1972	BOATOP	03dd2	AIR TEMP	15.0	DIR HGT	PER	WIND-DIR	01	INST	NANSEN	CST	TEN SQ	1306	
CUNSEC		0006	MONTH	09	SHIP HT		WET BULB	13.7	05	5	4	WIND-SPO	25	TRACE	DIR	5	SQUARE	2
LAT	44	16 N	DAY	09	DATA USE	1	BAROMETR	1011.7	SEA		WIND-FGR		DURATION			2	SQUARE	46
LONG	047	10 W	MOUP	12.5	AREA	05	CLOUD T/A	7/8	CL/TH		WEATHER	X2	ORIG	A3	059	1	SQUARE	47

CSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	OXYG	P14	TOT P	NO2	NO3	SIO3	PH
	STU	00000	16.97	33.10	24.05	00.000	1511.2							
12.5	085	00000	16.97	33.102	24.05		1511.2							
	STU	00010	17.74	33.98	24.57	00.036	1514.7							
	STU	00029	18.50	34.41	24.72	00.069	1517.6							
12.5	085	00021	18.58	34.435	24.72		1517.8							
	STU	00030	11.67	34.17	26.03	00.095	1455.8							
12.5	085	00042	05.45	33.855	26.74		1472.0							
	STU	00050	06.61											
	STU	00075	09.09											
12.5	085	00082	09.47											
	STU	00100	09.19											
	STU	00125	08.77											
12.5	085	00125	08.77											
	STU	00150	08.13											
	STU	00200	07.09											
12.5	085	00247	06.37	34.873	27.43		1480.4							
	STU	00250	06.33	34.87	27.43		1480.3							
	STU	00300	05.87	34.85	27.47		1479.3							
12.5	085	00324	05.79	34.842	27.48		1479.4							
	STU	00400	06.14	34.92	27.50		1482.1							
12.5	085	00402	06.15	34.925	27.50		1482.2							
12.5	085	00475	05.25	34.908	27.59		1479.7							
	STU	00500	05.11	34.91	27.61		1479.6							
	STU	00600	04.64	34.91	27.66		1479.5							
12.5	085	00619	04.64	34.916	27.67		1479.6							
	STU	00700	04.58	34.94	27.70		1480.7							
12.5	085	00769	04.52	34.951	27.71		1481.7							
12.5	085	001175	04.19	34.958	27.75		1487.1							
14.5	085	001992	03.56	34.946	27.81		1498.2							
	STU	02000	03.55	34.95	27.81		1498.3							
	STU	02500	03.16	34.93	27.84		1505.2							
14.9	085	002523	03.14	34.933	27.84		1505.5							
	STU	03000	02.80	34.93	27.87		1512.3							
14.9	085	03050	02.76	34.925	27.87		1512.9							
14.9	085	03491	02.37	34.910	27.89		1519.0							
14.9	085	03598	02.31	34.906	27.89		1520.6							

TABLE X.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, S-10
September 1972, Prepared from NOBC Listing No. 31-2137.—Continued

REF ID	31	2137	YEAR	1972	BUTOP	03729	AIR TEMP	16.2	DIR HGT PER		WIND-DIR	34	INST NANSEN CAST	TEN SQ	1306
CONSEC		0007	MONTH	09	SHIP HT		WET BULB	14.9	05 3 4		WIND-SPO	25	TRACE DIR	5 SQUARE	2
LAT	44	19 N	DAY	04	DATA USE	1	BAROMETR	1012.5	SEA		WIND-FUR		DURATION	2 SQUARE	46
LONG	047	32 W	MOON	16.4	AREA	05	CLOUD T/A	6/8	CL/T/H		WEATHER	X4	ORIG A3 059	1 SQUARE	47

CASIDNM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
18.4	STD	00000	17.36	33.07	23.85	00.000	1513.4							
	UBS	00000	17.46	33.075	23.85		1513.3							
	STD	00010	11.90	33.03	25.10	00.035	1494.8							
	STD	00020	07.33	32.99	25.61	00.060	1478.0							
18.4	UBS	00024		32.972										
	STD	00030	04.15	33.05	26.24	00.080	1465.4							
18.4	UBS	00040	01.94	33.426	26.74		1456.6							
	STD	00050	02.49	33.53	26.78	00.111	1459.2							
18.4	UBS	00073	06.34	34.320	26.99		1476.7							
	STD	00075	06.24	34.31	27.00	00.140	1476.4							
18.4	UBS	00097	05.62	34.249	27.03		1474.1							
	STD	00100	05.77	34.28	27.03	00.167	1474.9							
	STD	00125	06.82	34.50	27.07	00.192	1479.7							
18.4	UBS	00145	07.35	34.628	27.10		1482.3							
	STD	00150	07.39	34.64	27.10	00.218	1482.6							
18.4	UBS	T00194	07.45	34.747	27.18		1483.7							
	STD	00200	07.42	34.74	27.18	00.266	1483.6							
	STD	00250	06.21	34.65	27.27	00.310	1479.6							
18.4	UBS	00256	05.55	34.627	27.34		1477.0							
	STD	00300	05.55	34.64	27.34	00.351	1477.7							
18.4	UBS	T00393	05.55	34.815	27.48		1479.5							
	STD	00400	05.49	34.82	27.49	00.423	1479.4							
18.4	UBS	00495	04.89	34.869	27.61		1478.5							
	STD	00500	04.88	34.87	27.61	00.482	1478.6							
18.4	UBS	T00542	04.68	34.914	27.67		1479.3							
	STD	00600	04.66	34.91	27.67	00.535	1479.4							
	STD	00700	04.44	34.91	27.69	00.584	1480.1							
18.4	UBS	T00786	04.24	34.912	27.71		1480.7							
	STD	00800	04.28	34.91	27.71	00.633	1481.1							
	STD	00900	04.18	34.92	27.72	00.640	1482.4							
18.4	UBS	T00946	04.11	34.918	27.73		1483.5							
18.4	UBS	T01461	03.84	34.927	27.77		1490.7							

REF ID	31	2137	YEAR	1972	BUTOP	03539	AIR TEMP	16.4	DIR HGT PER		WIND-DIR	23	INST NANSEN CAST	TEN SQ	1306
CONSEC		0008	MONTH	09	SHIP HT		WET BULB	14.6	03 5 4		WIND-SPO	28	TRACE DIR	5 SQUARE	2
LAT	44	23 N	DAY	04	DATA USE	1	BAROMETR	1014.0	SEA		WIND-FUR		DURATION	2 SQUARE	46
LONG	047	54 W	MOON	21.6	AREA	05	CLOUD T/A	8/8	CL/T/H		WEATHER	X2	ORIG A3 059	1 SQUARE	47

CASIDNM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
21.6	STD	00000	18.11	32.97	23.72	00.000	1514.4							
	UBS	00000	18.11	32.973	23.72		1514.4							
	STD	00010	13.34	32.95	24.76	00.037	1499.6							
	STD	00020	09.33	32.92	25.46	00.066	1485.6							
21.6	UBS	00025	07.61	32.905	25.71		1479.1							
	STD	00030	05.71	33.02	26.05	00.088	1471.8							
21.6	UBS	00049	02.01	33.517	26.81		1457.1							
	STD	00050	02.20	33.56	26.82	00.120	1453.0							
21.6	UBS	00074	05.65	34.262	27.03		1473.9							
	STD	00075	05.72	34.28	27.04	00.149	1474.2							
21.6	UBS	00098	06.86	34.557	27.11		1479.5							
	STD	00100	06.86	34.56	27.11	00.174	1479.6							
	STD	00125	06.85	34.62	27.16	00.198	1480.0							
21.6	UBS	00147	06.84	34.650	27.19		1480.4							
	STD	00150	06.81	34.65	27.19	00.221	1480.3							
	STD	00200	06.26	34.66	27.27	00.264	1479.0							
21.6	UBS	T00201	06.25	34.664	27.28		1478.9							
	STD	00250	05.27	34.66	27.40	00.303	1475.8							
21.6	UBS	00299	04.86	34.656	27.44		1474.9							
	STD	00300	04.87	34.66	27.44	00.339	1475.0							
21.6	UBS	T00397	05.73	34.944	27.56		1480.4							
	STD	00400	05.72	34.95	27.57	00.402	1480.5							
	STD	00500	05.47	35.03	27.67	00.456	1481.2							
21.6	UBS	00500	05.47	35.034	27.67		1481.2							
	UBS	T00598	04.53	34.921	27.69		1478.8							
	STD	00600	04.52	34.92	27.69	00.505	1478.8							
	STD	00700	04.22	34.90	27.71	00.552	1479.2							
21.6	UBS	00794	04.05	34.887	27.71		1480.0							
	STD	00800	04.05	34.89	27.72	00.599	1480.1							
	STD	00900	04.04	34.95	27.76	00.644	1481.9							
21.6	UBS	T00945	04.04	34.992	27.80		1483.5							
21.6	UBS	T01495	03.87	34.976	27.80		1491.1							

TABLE X.-Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, S-10
September 1972, Prepared from NODC Listing No. 31-2137.—Continued

REF ID: A1 2137	YEAR 1972	BUTOP 03292	AIR TEMP 15.2	OIR MGT PER	WIND-OIR 35	INST NANSEN CAST	TEN SQ 1306
C/4 SEC 0009	MO-4TH 09	SHIP MT	WET BULB 14.1	03 5 4	WIND-SPO 23	TRACE OIR	5 SQUARE 2
LAT 44 24 N	DAY 10	DATA USE 1	BAROMETR 1014.8	SEA	WIND-FUR	DURATION	2 SQUARE 48
LONG 048 04 W	MOOR 00.3	AREA 05	CLOUD T/A 6/6	CL/TR	WEATHER X6	ORIG A3 059	1 SQUARE 48

CASTNO/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	PJ4	TOT P	NQ2	NQ3	S103	PH
	STO	00000	18.08	33.01	23.75	00.000	1514.4							
	085	00000	18.08	33.014	23.75		1514.4							
	STO	00010	13.52	32.82	24.63	00.037	1500.1							
	STO	00020	09.51	32.63	25.21	00.068	1485.9							
	085	00020	09.51	32.63	25.21		1485.9							
	STO	00030	05.79	32.55	25.67	00.093	1471.5							
	STO	00050	00.57	33.22	26.67	00.131	1450.2							
	085	00051	00.48	33.257	26.70		1449.9							
	STO	00075	04.49	34.06	27.01	00.161	1468.9							
	085	00079	04.87	34.138	27.03		1470.0							
	STO	00100	05.44	34.31	27.10	00.187	1473.5							
	085	00102	05.48	34.325	27.11		1473.8							
	STO	00125	05.05	34.46	27.15	00.210	1475.0							
	STO	00150	05.83	34.54	27.23	00.233	1476.2							
	085	00153	05.85	34.547	27.24		1476.4							
	STO	00200	04.92	34.52	27.32	00.274	1473.3							
	085	T00205	04.88	34.516	27.33		1473.2							
	STO	00250	05.69	34.74	27.41	00.311	1477.6							
	STO	00300	06.18	34.91	27.48	00.345	1480.6							
	085	00307	06.22	34.932	27.49		1480.9							
	STO	00400	05.85	35.01	27.60	00.406	1481.1							
	085	T00404	05.81	35.014	27.61		1481.1							
	STO	00500	05.44	34.99	27.64	00.460	1481.1							
	085	00512	05.39	34.992	27.64		1481.0							
	STO	00600	04.92	34.99	27.70	00.510	1480.6							
	085	T00616	04.85	34.992	27.71		1480.5							
	STO	00700	04.70	34.99	27.72	00.557	1481.3							
	STO	00800	04.52	34.98	27.74	00.603	1482.2							
	085	00829	04.47	34.979	27.74		1482.5							
	STO	00900	04.34	34.97	27.75	00.648	1483.1							
	STO	01000	04.18	34.96	27.76	00.693	1484.1							
	085	T01041	04.12	34.959	27.76		1484.5							
	085	T01581	03.67	34.940	27.79		1491.7							

REF ID: A1 2137	YEAR 1972	BUTOP 03023	AIR TEMP 14.8	OIR MGT PER	WIND-OIR 34	INST NANSEN CAST	TEN SQ 1306
C/4 SEC 0010	MONTH 09	SHIP MT	WET BULB 13.6	03 5 4	WIND-SPO 16	TRACE OIR	5 SQUARE 2
LAT 44 27 N	DAY 10	DATA USE 1	BAROMETR 1014.5	SEA	WIND-FUR	DURATION	2 SQUARE 48
LONG 048 21 W	MOOR 03.0	AREA 05	CLOUD T/A 4/6	CL/TR	WEATHER X1	ORIG A3 059	1 SQUARE 48

CASTNO/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	PJ4	TOT P	NQ2	NQ3	S103	PH
	STO	00000	17.94	33.21	23.93	00.000	1514.3							
	085	00000	17.94	33.209	23.93		1514.3							
	STO	00010	17.20	33.12	24.05	00.034	1512.0							
	STO	00020	16.41	33.03	24.10	00.073	1509.7							
	085	00024	16.09	32.993	24.21		1508.7							
	STO	00030	10.35	33.05	25.35	00.109	1489.6							
	085	00047	00.80	33.315	26.73		1451.4							
	STO	00050	01.25	33.42	26.78	00.148	1453.0							
	085	00070	03.72	33.964	27.01		1465.4							
	STO	00075	04.19	34.06	27.04	00.177	1467.6							
	085	00094	05.47	34.343	27.12		1473.0							
	STO	00100	05.42	34.36	27.14	00.202	1473.5							
	STO	00125	05.27	34.44	27.22	00.225	1473.4							
	085	00140	05.24	34.488	27.26		1473.6							
	STO	00150	05.30	34.53	27.25	00.246	1474.1							
	085	T00141	05.48	34.695	27.40		1475.7							
	STO	00200	05.50	34.73	27.42	00.283	1476.0							
	STO	00250	05.59	34.85	27.51	00.310	1477.3							
	085	00284	05.65	34.884	27.53		1478.2							
	STO	00300	05.17	34.83	27.54	00.340	1476.4							
	085	T00370	04.00	34.745	27.61		1472.7							
	STO	00400	04.40	34.83	27.63	00.401	1474.9							
	085	00473	05.13	35.002	27.68		1479.3							
	STO	00500	05.10	35.01	27.69	00.450	1479.7							
	085	T00565	05.02	35.017	27.71		1480.4							
	STO	00600	04.96	35.02	27.71	00.497	1480.8							
	STO	00700	04.78	35.01	27.73	00.543	1481.7							
	085	T00751	04.68	35.007	27.74		1482.1							
	STO	00800	04.54	34.99	27.74	00.589	1482.3							
	STO	00900	04.30	34.97	27.75	00.633	1483.0							
	085	T00943	04.21	34.964	27.76		1483.3							
	085	T01429	03.74	34.942	27.79		1489.4							
	STO	01500	03.69	34.94	27.79		1490.4							
	STO	01750	03.52	34.94	27.81		1493.9							
	STO	02000	03.35	34.94	27.83		1497.4							
	085	02090	03.29	34.945	27.84		1498.7							
	STO	02500	03.01	34.94	27.86		1504.5							
	085	T02645	02.92	34.931	27.86		1506.6							
	085	02938	02.74	34.929	27.87		1510.9							
	STO	03000	02.69	34.93	27.88		1511.8							
	085	T03048	02.64	34.925	27.88		1512.4							

TABLE X. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, 8-10 September 1972, Prepared from NODC Listing No. 31-2137.—Continued

REFID 31 2137	YEAR 1972	BUTOP 02498	AIR TEMP 15.0	DIR HGT PER	WIND-DIR 34	INST NANSEN CAST	TEN SQ 1306
CUNSEL 0011	MONTH 09	SHIP HT	WET BULB 13.0	02 3 4	WIND-SPD 15	TRACE DIR	5 SQUARE 2
LAT 44 28 N	LAY 10	DATA USE 1	BAROMETR 1014.7	SEA	WIND-FUR	DURATION	2 SQUARE 48
LONG 048 37 W	HOUR 09.4	AREA . 05	CLOUD T/A 6/8	CL/TR	WEATHER X4	DRIG A3 059	1 SQUARE 48

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	CHYG	PU4	TGT P	NO2	NO3	SIO3	PH
	STD	00000	18.00	33.11	23.85	00.000	1514.2							
09.4	DBS	00000	18.00	33.110	23.85		1514.2							
	STD	00010	17.72	33.10	23.91	00.040	1513.6							
	STD	00020	17.44	33.09	23.96	00.080	1512.9							
09.4	DBS	00024	17.33	33.082	23.99		1512.6							
	STD	00030	13.01	33.16	24.45	00.115	1499.1							
09.4	DBS	00049	04.23	33.464	26.56		1466.6							
	STD	00050	04.16	33.449	26.55	00.159	1466.3							
09.4	DBS	00073	03.77	33.990	27.03		1465.7							
	STD	00075	04.03	34.04	27.04	00.141	1466.9							
09.4	DBS	00093	06.18	34.463	27.13		1476.7							
	STD	00100	06.14	34.46	27.13	00.216	1476.6							
	STD	00125	05.66	34.47	27.19	00.239	1475.1							
09.4	DBS	00147	05.30	34.478	27.25		1474.0							
	STD	00150	05.24	34.48	27.26	00.261	1473.8							
	STD	00200	04.52	34.53	27.38	00.300	1471.7							
09.4	DBS	100201	04.51	34.527	27.38		1471.7							
	STD	00250	04.45	34.64	27.47	00.334	1472.4							
09.4	DBS	00299	04.36	34.721	27.55		1472.9							
	STD	00300	04.35	34.72	27.55	00.365	1472.9							
09.4	DBS	100397	04.11	34.784	27.62		1473.6							
	STD	00400	04.15	34.79	27.63	00.419	1473.8							
	STD	00500	04.65	34.97	27.69	00.469	1478.6							
09.4	DBS	00500	04.85	34.966	27.69		1478.6							
09.4	DBS	100599	04.57	34.954	27.71		1479.1							
	STD	00600	04.57	34.95	27.71	00.516	1479.1							
	STD	00700	04.53	34.97	27.73	00.561	1480.6							
09.4	DBS	100795	04.43	34.974	27.74		1481.8							
	STD	00800	04.42	34.97	27.74	00.607	1481.8							
	STD	00900	04.21	34.96	27.76	00.651	1482.6							
09.4	DBS	100996	04.04	34.953	27.77		1483.4							
09.4	DBS	101497	03.72	34.945	27.79		1490.5							

REFID 31 2137	YEAR 1972	BUTOP 01179	AIR TEMP 12.1	DIR HGT PER	WIND-DIR 00	INST NANSEN CAST	TEN SQ 1306
CUNSEL 0012	MONTH 09	SHIP HT	WET BULB 11.4	05 2 4	WIND-SPD 00	TRACE DIR	5 SQUARE 2
LAT 44 32 N	LAY 10	DATA USE 1	BAROMETR 1013.5	SEA	WIND-FUR	DURATION	2 SQUARE 48
LONG 048 58 W	HOUR 13.7	AREA . 05	CLOUD T/A X/9	CL/TR	WEATHER X4	DRIG A3 059	1 SQUARE 48

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	CHYG	PU4	TGT P	NO2	NO3	SIO3	PH
	STD	00000	10.36	31.77	24.40	00.000	1487.6							
13.7	DBS	00000	10.36	31.775	24.40		1487.6							
	STD	00010	06.75	32.03	25.14	00.032	1474.3							
	STD	00020	03.73	32.31	25.65	00.058	1462.6							
13.7	DBS	00025		32.456										
	STD	00030	01.45	32.67	26.17	00.078	1453.1							
13.7	DBS	00049	- 1.24	33.235	26.75		1441.9							
	STD	00050	- 1.25	33.24	26.76	00.110	1441.9							
13.7	DBS	00074	- 1.28	33.407	26.89		1442.4							
	STD	00075	- 1.27	33.41	26.90	00.141	1442.4							
13.7	DBS	00099	- 1.05	33.547	27.00		1444.0							
	STD	00100	- 1.05	33.55	27.00	00.168	1444.1							
	STD	00125	- 0.82	33.71	27.12	00.193	1445.8							
13.7	DBS	00148	- 0.44	33.947	27.22		1448.1							
	STD	00150	- 0.38	33.86	27.23	00.216	1448.5							
	STD	00200	01.08	34.17	27.40	00.255	1456.3							
13.7	DBS	100203	01.14	34.180	27.40		1456.8							
	STD	00250	02.32	34.43	27.51	00.287	1463.0							
	STD	00300	03.15	34.61	27.58	00.315	1467.6							
13.7	DBS	00362	03.17	34.615	27.58		1467.6							
	STD	00400	03.54	34.71	27.62	00.367	1471.1							
13.7	DBS	100401	03.54	34.711	27.62		1471.1							
	STD	00500	03.73	34.76	27.65	00.418	1473.7							
13.7	DBS	00505	03.74	34.767	27.65		1473.8							
	STD	00600	03.88	34.80	27.66	00.467	1476.0							
13.7	DBS	100604	03.88	34.802	27.66		1476.1							
	STD	00700	03.68	34.83	27.65	00.516	1477.7							
	STD	00800	03.68	34.86	27.71	00.564	1479.3							
13.7	DBS	100802	03.88	34.856	27.71		1479.3							
	STD	00900	03.82	34.86	27.71	00.611	1480.8							
	STD	01000	03.78	34.87	27.72	00.658	1482.3							
13.7	DBS	101006	03.78	34.868	27.73		1482.4							
13.7	DBS	101000	03.82	34.877	27.73		1488.0							

TABLE X.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, 8-10 September 1972, Prepared from NODC Listing No. 31-2137.—Continued

REFID 31 2137	YEAR 1972	BUTOP 03506	AIR TEMP 12.3	DIR HGT PER	WIND-DIR 21	INST NANSEN CAST	TEN SQ 1306
CONSEC 0013	MONTH 09	SHIP MT	WET BULB 11.7	35 3 4	WIND-SPD 10	TRACE DIR	5 SQUARE 2
LAT 44 36 N	DAY 10	DATA USE 1	BAROMETR 1012.0	SEA	WIND-FOR	DURATION	2 SQUARE 48
LCN 049 05 W	HOUR 10.1	AREA 05	CLOUD T/A X/9	CL/TR	WEATHER X4	ORIG A3 059	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	XYDEPTH	SND VEL	XYG	PJ4	TOT P	NO2	NO3	SIU3	PH
	STO	00000	09.56	31.08	24.45	00.000	1484.5							
16.1	DBS	00000	09.50	31.077	24.45		1484.5							
	STO	00010	09.60	32.35	25.52	00.030	1470.4							
	STO	00020	12.01	32.83	26.21	00.051	1459.3							
16.1	DBS	00025	01.33	32.997	26.43		1453.2							
	STO	00030	00.50	33.02	26.50	00.068	1444.3							
16.1	DBS	00049	- 1.64	33.108	26.66		1439.8							
	STO	00050	- 1.62	33.12	26.67	00.097	1439.9							
16.1	DBS	00074	- 1.44	33.285	26.80		1441.4							
	STO	00075	- 1.45	33.29	26.80	00.130	1441.4							
16.1	DBS	00099	- 1.64	33.365	26.87		1441.0							
	STO	00100	- 1.61	33.37	26.87	00.160	1441.1							
	STO	00125	- 1.30	33.45	26.93	00.189	1443.2							
16.1	DBS	00148	- 1.04	33.526	26.98		1444.9							
	STO	00150	- 1.03	33.53	26.98	00.217	1445.0							
	STO	00200	- 0.70	33.64	27.06	00.269	1447.5							
16.1	DBS	00247	- 0.40	33.854	27.22		1449.9							
	STO	00250	- 0.26	33.88	27.24	00.315	1450.6							
	STO	00300	11.35	34.23	27.43	00.352	1459.3							
16.1	DBS	00302	01.40	34.241	27.43		1459.5							
	STO	00400	02.56	34.49	27.54	00.415	1466.0							
16.1	DBS	00401	02.57	34.488	27.54		1466.7							
16.1	DBS	00445	02.63	34.512	27.55		1466.5							

REFID 31 2137	YEAR 1972	BUTOP 00002	AIR TEMP 12.9	DIR HGT PER	WIND-DIR 15	INST NANSEN CAST	TEN SQ 1306
CONSEC 0014	MONTH 09	SHIP MT	WET BULB 11.2	07 4 4	WIND-SPD 06	TRACE DIR	5 SQUARE 2
LAT 44 40 N	DAY 10	DATA USE 1	BAROMETR 1010.4	SEA	WIND-FOR	DURATION	2 SQUARE 48
LCN 049 20 W	HOUR 17.0	AREA 05	CLOUD T/A 7/8	CL/TP	WEATHER X2	ORIG A3 059	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	XYDEPTH	SND VEL	XYG	PJ4	TOT P	NO2	NO3	SIU3	PH
	STO	00000	10.72	31.58	24.19	00.000	1488.6							
17.8	DBS	00000	10.72	31.581	24.19		1488.6							
	STO	00010	09.99	32.33	25.47	00.031	1471.7							
	STO	00020	02.44	32.84	26.23	00.053	1451.0							
17.8	DBS	00025	01.10	33.000	26.46		1451.9							
	STO	00030	00.06	33.01	26.52	00.070	1447.3							
17.8	DBS	00045	- 1.32	33.053	26.61		1441.2							

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.

RFFID 31 8257	YEAR 1971	BUTOP 05212	AIR TEMP 18.3	DIR HGT PER	WIND-DIR 29	INST STO RECORER	TEN SO 1207
CONSLC 0001	MONTH 03	SHIP DG	WET BULB 15.5	28 5 2	WIND-SPD 23	TRACE DIR 0	5 SQUARE 3
LAT 37 24 N	DAY 07	DATA USL 1	BAROMETR 1033.3	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 60
LONG 050 20 W	HOOR 22.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG A4 025	1 SQUARE 70

CAS/NL/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	JXYG	PJ4	TOT P	N02	N03	S103	PH
22.2	ST0	00000	16.88	36.37	26.61	00.000	1514.8							
	085	00000	16.88	36.37	26.61		1514.8							
	ST0	00010	16.86	36.37	26.62	00.014	1515.0							
	085	00010	16.86	36.37	26.62		1515.0							
	ST0	00020	16.88	36.37	26.61	00.028	1515.2							
	085	00020	16.88	36.37	26.61		1515.2							
	ST0	00030	16.88	36.37	26.61	00.043	1515.3							
	085	00030	16.88	36.37	26.61		1515.3							
	ST0	00050	16.89	36.37	26.61	00.072	1515.7							
	085	00050	16.89	36.37	26.61		1515.7							
	ST0	00075	16.90	36.37	26.61	00.106	1516.1							
	085	00075	16.90	36.37	26.61		1516.1							
	ST0	00100	16.90	36.38	26.61	00.145	1516.6							
	085	00100	16.90	36.38	26.61		1516.6							
	ST0	00125	16.90	36.38	26.61	00.182	1517.0							
	085	00125	16.90	36.38	26.61		1517.0							
	ST0	00150	16.91	36.38	26.61	00.219	1517.4							
	085	00150	16.91	36.38	26.61		1517.4							
	ST0	00200	16.91	36.38	26.61	00.293	1518.2							
	085	00200	16.91	36.38	26.61		1518.2							
	ST0	00250	16.79	36.34	26.61	00.369	1518.6							
	085	00250	16.79	36.34	26.61		1518.6							
	ST0	00300	16.34	36.24	26.64	00.445	1518.0							
	085	00300	16.34	36.24	26.64		1518.0							
	ST0	00400	15.44	36.07	26.72	00.593	1516.6							
	085	00400	15.44	36.07	26.72		1516.6							
	ST0	00450	14.78	35.95	26.77		1515.2							
	085	00500	14.48	35.97	26.85	00.734	1515.1							
	ST0	00600	13.44	35.80	26.94		1515.1							
	085	00600	13.44	35.80	26.94	00.866	1513.2							
	ST0	00700	11.96	35.57	27.06		1509.5							
	085	00700	11.96	35.57	27.06	00.990	1509.5							
	ST0	00800	10.16	35.34	27.21		1504.6							
	085	00800	10.16	35.34	27.21	01.102	1504.6							
	ST0	00900	08.26	35.16	27.38		1498.9							
	085	00900	08.26	35.16	27.38	01.158	1498.9							
	ST0	01000	07.12	35.14	27.53		1496.2							
	085	01000	07.12	35.14	27.53	01.278	1496.2							
	ST0	01100	06.17	35.08	27.61		1496.0							
	085	01100	06.17	35.08	27.61	01.347	1496.0							
	ST0	01200	05.45	35.06	27.69		1492.8							
	085	01200	05.45	35.06	27.69	01.407	1492.8							
	ST0	01300	05.01	35.04	27.73		1492.6							
	085	01300	05.01	35.04	27.73	01.462	1492.6							
	ST0	01340	05.08	35.06	27.73		1493.6							
	085	01400	04.98	35.06	27.75	01.515	1494.2							
	ST0	01400	04.98	35.06	27.75		1494.2							
	085	01490	04.81	35.07	27.77		1495.0							
	ST0	01500	04.77	35.07	27.78	01.566	1495.1							
	085	01500	04.77	35.07	27.78		1495.1							
	ST0	01750	04.26	35.01	27.79	01.690	1497.1							
	085	01750	04.26	35.01	27.79		1497.1							
	ST0	01780	04.16	35.01	27.80		1497.3							
	085	01820	04.30	35.04	27.81		1498.5							
	ST0	01840	04.19	35.02	27.80		1498.3							
	085	01880	04.30	35.04	27.81		1499.5							
	ST0	01920	04.04	34.99	27.80		1499.0							
	085	01930	04.12	35.02	27.81		1499.6							
	ST0	02000	03.88	34.98	27.80	01.813	1499.7							
	085	02000	03.88	34.98	27.80		1499.7							
	ST0	02500	03.52	34.98	27.84	02.053	1506.7							
	085	02500	03.52	34.98	27.84		1506.7							
	ST0	03000	03.11	34.96	27.86	02.287	1513.6							
	085	03000	03.11	34.96	27.86		1513.6							

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

PEFIO 31 8257	YEAR 1971	BOFOP 05486	AIR TEMP 17.3	DIR HGT PER	WIND-DIR US	INST STD RECORDER	TEN SW 1207
CUNSEC 0002	MONTH 03	SHIP OG	WET BULB 15.6	31 5 2	WIND-SPO 12	TRACE DIR 0	5 SQUARE 3
LAT 37 50 N	DAY 08	DATA USE 1	BAROMETR 1030.2	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 60
LONG 050 20 W	HOUR 01.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG A4 025	1 SQUARE 70

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	DOYG	PJ4	TOT P	NO2	NO3	SIJ3	PH
01.4	STD	00000	16.53	36.31	26.64	00.000	1513.9							
	UBS	00000	16.58	36.31	26.64		1513.9							
	STD	00010	16.58	36.31	26.64	00.014	1514.0							
	UBS	00010	16.58	36.31	26.64		1514.0							
	STD	00020	16.58	36.32	26.64	00.028	1514.2							
	UBS	00020	16.58	36.32	26.64		1514.2							
	STD	00030	16.59	36.32	26.64	00.042	1514.4							
	UBS	00030	16.59	36.32	26.64		1514.4							
	STD	00050	16.59	36.32	26.64	00.070	1514.7							
	UBS	00050	16.59	36.32	26.64		1514.7							
	STD	00075	16.59	36.32	26.64	00.106	1515.1							
	UBS	00075	16.59	36.32	26.64		1515.1							
	STD	00100	16.59	36.33	26.65	00.142	1515.6							
	UBS	00100	16.59	36.33	26.65		1515.6							
	STD	00125	16.60	36.33	26.65	00.178	1516.0							
	UBS	00125	16.60	36.33	26.65		1516.0							
	STD	00150	16.60	36.33	26.65	00.214	1516.4							
	UBS	00150	16.60	36.33	26.65		1516.4							
	STD	00200	16.61	36.34	26.65	00.267	1517.3							
	UBS	00200	16.61	36.34	26.65		1517.3							
	STD	00250	16.62	36.34	26.65	00.361	1518.1							
	UBS	00250	16.62	36.34	26.65		1518.1							
	STD	00300	16.63	36.34	26.65	00.435	1519.0							
	UBS	00300	16.63	36.34	26.65		1519.0							
	STD	00350	16.63	36.33	26.64		1519.8							
	UBS	00400	16.61	36.23	26.69	00.585	1516.9							
	STD	00400	16.61	36.23	26.69		1518.9							
	UBS	00500	14.98	36.03	26.79	00.731	1516.8							
	STD	00500	14.98	36.03	26.79		1516.8							
	UBS	00600	14.13	35.88	26.86	00.870	1515.5							
	STD	00600	14.13	35.88	26.86		1515.5							
	UBS	00700	12.92	35.65	26.93	01.005	1512.9							
	STD	00700	12.92	35.65	26.93		1512.9							
	UBS	00730	12.49	35.64	27.01		1511.9							
	STD	00800	11.57	35.52	27.09	01.130	1509.8							
	UBS	00800	11.57	35.52	27.09		1509.8							
	STD	00865	09.89	35.20	27.15		1504.5							
	UBS	00880	09.49	35.27	27.27		1503.3							
	STD	00900	09.27	35.25	27.29	01.238	1502.8							
	UBS	00900	09.27	35.25	27.29		1502.8							
	STD	00960	08.09	35.14	27.39		1499.3							
	UBS	00960	08.09	35.14	27.39		1499.3							
	STD	00975	08.22	35.20	27.42		1500.1							
	UBS	00975	08.22	35.20	27.42		1500.1							
	STD	01000	08.01	35.22	27.46	01.327	1499.7							
	UBS	01000	08.01	35.22	27.46		1499.7							
	STD	01100	06.97	35.14	27.55	01.403	1497.3							
	UBS	01100	06.97	35.14	27.55		1497.3							
	STD	01130	06.71	35.14	27.59		1496.6							
	UBS	01130	06.69	35.17	27.62		1497.0							
	STD	01165	06.74	35.20	27.63		1497.1							
	UBS	01165	06.54	35.16	27.63		1497.1							
	STD	01200	06.50	35.18	27.65	01.471	1497.1							
	UBS	01200	06.50	35.18	27.65		1497.1							
	STD	01225	06.52	35.23	27.69		1497.7							
	UBS	01225	05.92	35.15	27.70		1496.1							
	STD	01300	06.04	35.20	27.73	01.531	1497.0							
	UBS	01300	06.04	35.20	27.73		1497.0							
	STD	01400	05.77	35.17	27.74	01.587	1497.6							
	UBS	01400	05.77	35.17	27.74		1497.6							
	STD	01500	05.40	35.14	27.76	01.641	1497.7							
	UBS	01500	05.40	35.14	27.76		1497.7							

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

REFID 31 8257	YEAR 1971	BOTOP 05303	AIR TEMP 17.2	DIR HGT PER	WIND-DIR 24	INST STJ REC	TEN SJ 1207
CONSEC 0003	MONTH 03	SHIP UG	WET MULB 16.2	20 S 2	WIND-SPO 25	TRACE DIR 0	5 SQUARE 3
LAT 38 19 N	DAY 08	DATA USE 1	BAROMETR 1016.6	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 80
LONG 050 20 W	HOOR 04.7	AREA 05	CLCUU T/A	CL/TR	WEATHER XL	URIG A4 025	1 SQUARE 80

CAS	STNUM/TIME	LVL	TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN	DP	NO	VEL	DIR	P34	TOT	P	NO2	NO3	S133	PH
	ST0			00000	16.98	36.37	26.59	00.000			1515.1								
04.7	08S			00000	16.98	36.37	26.59				1515.1								
	ST0			00010	16.98	36.37	26.59	00.014			1515.3								
	08S			00010	16.98	36.37	26.59				1515.3								
	ST0			00020	16.99	36.38	26.59	00.029			1515.5								
	08S			00020	16.99	36.38	26.59				1515.5								
	ST0			00030	16.99	36.38	26.59	00.043			1515.7								
	08S			00030	16.99	36.38	26.59				1515.7								
	ST0			00050	16.99	36.38	26.59	00.073			1516.0								
	08S			00050	16.99	36.38	26.59				1516.0								
	ST0			00075	17.00	36.39	26.60	00.110			1516.5								
	08S			00075	17.00	36.39	26.60				1516.5								
	ST0			00100	17.00	36.39	26.60	00.147			1516.9								
	08S			00100	17.00	36.39	26.60				1516.9								
	ST0			00125	17.01	36.39	26.60	00.184			1517.3								
	08S			00125	17.01	36.39	26.60				1517.3								
	ST0			00150	17.01	36.39	26.60	00.221			1517.7								
	08S			00150	17.01	36.39	26.60				1517.7								
	ST0			00200	17.01	36.40	26.60	00.296			1518.5								
	08S			00200	17.01	36.40	26.60				1518.5								
	ST0			00250	17.02	36.40	26.60	00.372			1519.4								
	08S			00250	17.02	36.40	26.60				1519.4								
	ST0			00300	17.01	36.40	26.60	00.449			1520.2								
	08S			00300	17.01	36.40	26.60				1520.2								
	ST0			00350	16.98	36.39	26.60				1520.9								
	08S			00400	16.72	36.31	26.60	00.605			1520.9								
	ST0			00400	16.72	36.31	26.60				1520.9								
	08S			00500	15.77	36.17	26.72	00.759			1519.4								
	ST0			00500	15.77	36.17	26.72				1519.4								
	08S			00600	14.36	35.93	26.85	00.903			1516.3								
	ST0			00600	14.36	35.93	26.85				1516.3								
	08S			00700	12.78	35.67	26.97	01.036			1512.5								
	ST0			00700	12.78	35.67	26.97				1512.5								
	08S			00800	10.96	35.45	27.15	01.156			1507.6								
	ST0			00800	10.96	35.45	27.15				1507.6								
	08S			00900	09.40	35.30	27.31	01.259			1503.4								
	ST0			00900	09.40	35.30	27.31				1503.4								
	08S			01000	07.84	35.21	27.48	01.347			1499.1								
	ST0			01000	07.84	35.21	27.48				1499.1								
	08S			01100	06.72	35.13	27.58	01.421			1496.3								
	ST0			01100	06.72	35.13	27.58				1496.3								
	08S			01200	06.26	35.15	27.66	01.486			1496.2								
	ST0			01200	06.26	35.15	27.66				1496.2								
	08S			01300	05.84	35.16	27.72	01.545			1496.2								
	ST0			01300	05.84	35.16	27.72				1496.2								
	08S			01400	05.44	35.16	27.77	01.599			1496.2								
	ST0			01400	05.44	35.16	27.77				1496.2								
	08S			01500	05.10	35.11	27.77	01.651			1496.5								
	ST0			01500	05.10	35.11	27.77				1496.5								

TABLE X1.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

REFID 31 8257	YEAR 1971	BOTOP US121	AIR TEMP 17.3	O1A PGT PER	WIND-OIR 33	INST STD RECORDER	TEN SQ 1207
LUNSEC 0004	MONTH 03	SHIP DG	WET JULB 16.2	29 2 2	WIND-SPO 14	TRACE OIR	5 SQUARE 3
LAT 38 55 N	DAY 08	DATA USE 1	BAROMETR 1015.4	SEA	WIND-FIR	DURATION 00.2	2 SQUARE 80
LCNG 050 20 W	HOUR 08.2	AREA 05	CLGUD T/A	CL/TR	WEATHER X1	ORIG A4 025	1 SQUARE 80

CASINLM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SI03	PM
08.2	STD	00000	16.90	36.38	26.61	00.000	1514.9							
	UBS	00000	16.90	36.38	26.61		1514.9							
	STD	00010	16.91	36.38	26.61	00.014	1515.1							
	UBS	00010	16.91	36.38	26.61		1515.1							
	STD	00020	16.91	36.38	26.61	00.028	1515.3							
	UBS	00020	16.91	36.38	26.61		1515.3							
	STD	00030	16.91	36.38	26.61	00.043	1515.4							
	UBS	00030	16.91	36.38	26.61		1515.4							
	STD	00050	16.92	36.38	26.61	00.072	1515.8							
	UBS	00050	16.92	36.38	26.61		1515.8							
	STD	00075	16.92	36.39	26.62	00.108	1516.2							
	UBS	00075	16.92	36.39	26.62		1516.2							
	STD	00100	16.92	36.39	26.62	00.145	1516.6							
	UBS	00100	16.92	36.39	26.62		1516.6							
	STD	00125	16.93	36.39	26.61	00.181	1517.1							
	UBS	00125	16.93	36.39	26.61		1517.1							
	STD	00150	16.93	36.39	26.61	00.218	1517.5							
	UBS	00150	16.93	36.39	26.61		1517.5							
	UBS	00175	16.93	36.40	26.62		1517.9							
	STD	00200	16.94	36.40	26.62	00.293	1518.3							
	UBS	00200	16.94	36.40	26.62		1518.3							
	UBS	00220	16.92	36.39	26.62		1518.6							
	STD	00250	16.87	36.39	26.63	00.368	1518.9							
	UBS	00250	16.87	36.39	26.63		1518.9							
	STD	00300	16.79	36.37	26.63	00.443	1519.5							
	UBS	00300	16.79	36.37	26.63		1519.5							
	STD	00400	16.72	36.36	26.64	00.596	1520.9							
	UBS	00400	16.72	36.36	26.64		1520.9							
	UBS	00445	16.61	36.33	26.64		1521.3							
	STD	00500	15.78	36.15	26.70	00.748	1519.4							
	UBS	00500	15.78	36.15	26.70		1519.4							
	STD	00600	14.18	35.87	26.84	00.894	1515.7							
	UBS	00600	14.18	35.87	26.84		1515.7							
	STD	00700	12.38	35.60	27.00	01.026	1511.0							
	UBS	00700	12.38	35.60	27.00		1511.0							
	STD	00800	10.36	35.36	27.19	01.142	1505.3							
	UBS	00800	10.36	35.36	27.19		1505.3							
	UBS	00850	09.35	35.21	27.24		1502.3							
	STD	00900	08.68	35.24	27.38	01.239	1500.6							
	UBS	00900	08.68	35.24	27.38		1500.6							
	STD	01000	07.44	35.21	27.54	01.320	1497.5							
	UBS	01000	07.44	35.21	27.54		1497.5							
	STD	01100	06.72	35.21	27.64	01.388	1496.4							
	UBS	01100	06.72	35.21	27.64		1496.4							
	STD	01200	06.11	35.23	27.74	01.446	1495.7							
	UBS	01200	06.11	35.23	27.74		1495.7							
	STD	01300	05.60	35.16	27.75	01.499	1495.2							
	UBS	01300	05.60	35.16	27.75		1495.2							
	STD	01400	05.39	35.13	27.75	01.552	1496.0							
	UBS	01400	05.39	35.13	27.75		1496.0							
	STD	01500	04.99	35.11	27.78	01.604	1496.0							
	UBS	01500	04.99	35.11	27.78		1496.0							

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

REF ID 31 8257	YEAR 1971	BOTUP 05577	AIR TEMP 17.3	DIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN SQ 1207
CUNSEC 0005	MONTH 03	SHIP 06	WET RUB 15.6	24 5 3	WIND-SPD 20	TRACE DIR 0	5 SQUARE 3
LAT 39 16 N	DAY 08	DATA USE 1	BARCHMETR 1015.7	SEA	WIND-FJR	DURATION 00.2	2 SQUARE 80
LONG 050 18 W	HOUR 11.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG A4 Q25	1 SQUARE 90

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SLMA-T	DYNDEPTH	SND VEL	XYG	PU4	TOT P	NO2	NO3	SIO3	PH
11.4	STD	00000	17.05	36.39	26.59	00.000	1515.4							
	UBS	00000	17.05	36.39	26.59		1515.4							
	STD	00010	17.05	36.39	26.59	00.014	1515.5							
	UBS	00010	17.05	36.39	26.59		1515.5							
	STD	00020	17.06	36.39	26.58	00.029	1515.7							
	UBS	00020	17.06	36.39	26.58		1515.7							
	STD	00030	17.06	36.39	26.58	00.044	1515.9							
	UBS	00030	17.06	36.39	26.58		1515.9							
	STD	00050	17.06	36.39	26.58	00.073	1516.2							
	UBS	00050	17.06	36.39	26.58		1516.2							
	STD	00075	17.06	36.40	26.59	00.110	1516.6							
	UBS	00075	17.06	36.40	26.59		1516.6							
	STD	00100	17.07	36.40	26.59	00.147	1517.1							
	UBS	00100	17.07	36.40	26.59		1517.1							
	STD	00125	17.07	36.41	26.60	00.185	1517.5							
	UBS	00125	17.07	36.41	26.60		1517.5							
	STD	00150	17.07	36.41	26.60	00.222	1517.9							
	UBS	00150	17.07	36.41	26.60		1517.9							
	STD	00200	17.07	36.41	26.60	00.297	1518.7							
	UBS	00200	17.07	36.41	26.60		1518.7							
	STD	00250	17.05	36.39	26.59	00.374	1519.5							
	UBS	00300	17.03	36.39	26.59	00.451	1520.2							
	UBS	00300	17.03	36.39	26.59		1520.2							
	UBS	00370	16.98	36.40	26.61		1521.3							
	STD	00400	16.78	36.37	26.64	00.606	1521.1							
	UBS	00400	16.78	36.37	26.64		1521.1							
	STD	00500	15.33	36.07	26.74	00.757	1518.0							
	UBS	00500	15.33	36.07	26.74		1518.0							
	STD	00600	14.23	35.87	26.83	00.901	1515.9							
	UBS	00600	14.23	35.87	26.83		1515.9							
	STD	00700	12.12	35.56	27.02	01.032	1510.1							
	UBS	00700	12.12	35.56	27.02		1510.1							
	STD	00800	09.76	35.26	27.21	01.146	1503.0							
	UBS	00800	09.76	35.26	27.21		1503.0							
	STD	00900	07.48	35.11	27.46	01.237	1495.9							
	UBS	00900	07.48	35.11	27.46		1495.9							
	STD	01000	05.70	34.99	27.60	01.307	1490.4							
	UBS	01000	05.70	34.99	27.60		1490.4							
	UBS	01030	04.98	34.93	27.64		1487.9							
	UBS	01090	04.97	34.97	27.68		1488.9							
	STD	01100	05.14	35.02	27.70	01.366	1489.8							
	UBS	01100	05.14	35.02	27.70		1489.8							
	STD	01200	04.77	35.01	27.73	01.418	1489.9							
	UBS	01200	04.77	35.01	27.73		1489.9							
	STD	01300	04.65	35.01	27.74	01.469	1491.1							
	UBS	01300	04.65	35.01	27.74		1491.1							
	STD	01400	04.45	34.99	27.75	01.519	1491.9							
	UBS	01400	04.45	34.99	27.75		1491.9							
	STD	01500	04.27	34.97	27.76	01.570	1492.9							
	UBS	01500	04.27	34.97	27.76		1492.9							

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

REFID	31	B257	YEAR	1971	BUTOP	05303	AIR TEMP	17.6	DIR HGT PER	WIND-DIR	25	INST STU RECORDER	TEN SQ 1207
CUNSEL		0006	MONTH	03	SHIP UG		WET BULB	16.7	29	WIND-SPD	20	TRACE DIR	5 SQUARE 3
LAT	34	50	N	DAY	08	DATA USE	1	BAROMETR	1014.0	SEA	4	WIND-FJR	2 SQUARE 10
LUNG	050	20	W	HOUR	15.1	AREA	05	CLOUDS T/A		CL/TK		WATHER	1 SQUARE 90

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	UXTG	P14	TCT P	N02	N03	S103	PH
15.1	STD	00000	16.53	36.25	26.60	00.000	1513.7							
	OBS	00000	16.53	36.25	26.60		1513.7							
	STD	00010	16.52											
	OBS	00010	16.52											
	STD	00020	16.52											
	OBS	00020	16.52											
	STD	00030	16.51											
	OBS	00030	16.51											
	STD	00050	16.47											
	OBS	00050	16.47											
	STD	00075	16.45											
	OBS	00075	16.45											
	STD	00100	16.65											
	OBS	00100	16.65											
	STD	00125	16.76											
	OBS	00125	16.76											
	STD	00150	16.73											
	OBS	00150	16.73											
	STD	00200	16.60											
	OBS	00200	16.60											
	STD	00250	14.89											
	OBS	00250	14.89											
	STD	00300	14.61											
	OBS	00300	14.61											
	STD	00400	13.24											
	OBS	00400	13.24											
	STD	00500	10.85											
	OBS	00500	10.85											
	STD	00600	09.05											
	OBS	00600	09.05											
	STD	00700	07.51											
	OBS	00700	07.51											
	STD	00800	06.37											
	OBS	00800	06.37											
	STD	00900	05.55											
	OBS	00900	05.55											
	STD	01000	05.01											
	OBS	01000	05.01											
	STD	01100	04.71											
	OBS	01100	04.71											
	STD	01200	04.56											
	OBS	01200	04.56											
	STD	01300	04.46											
	OBS	01300	04.46											
	STD	01400	04.16											
	OBS	01400	04.16											
	STD	01500	04.03											
	OBS	01500	04.03											
	STD	01750	03.95											
	OBS	01750	03.95											
	STD	02000	03.76											
	OBS	02000	03.76											
	STD	02500	03.48											
	OBS	02500	03.48											
	STD	03000	03.14											
	OBS	03000	03.14											

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NOBC Listing No. 31-8257.—Continued

REFID	31	8257	YEAR	1971	BOTDP	05394	AIR TEMP	18.3	DIR HGT PER	WIND-DIR	22	INST STO RECORDER	TEN SQ 1307	
GUNSEC		0007	MONTH	03	SHIP DG		WET BULB	16.1	23	WIND-SPO	30	TRACE DIR	5 SQUARE 1	
LAT	40	20	N	OAY	OR	DATA USE	1	BAROMETR	1012.9	SEA	3	DURATION	00.2	2 SQUARE 00
LONG	050	20	W	HOUR	19.1	AREA	05	CLOUD T/A		CL/TR		WEATHER	X1	1 SQUARE 00

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNG VEL	OXYG	PJ4	TOT P	NO2	NO3	SIU3	PH
19.1	STD	00000	15.00	35.95	26.72	00.000	1508.6							
	UBS	00000	15.00	35.95	26.72		1508.6							
	STD	00010	15.00											
	UBS	00010	15.00											
	STD	00020	15.00											
	UBS	00020	15.00											
	STD	00030	15.00											
	UBS	00030	15.00											
	STD	00050	15.00											
	UBS	00050	15.00											
	STD	00075	14.91											
	UBS	00075	14.91											
	STD	00100	14.66											
	UBS	00100	14.66											
	STD	00125	14.48											
	UBS	00125	14.48											
	STD	00150	14.40											
	UBS	00150	14.40											
	STD	00200	13.81											
	UBS	00200	13.81											
	STD	00250	13.20											
	UBS	00250	13.20											
	STD	00300	12.35											
	UBS	00300	12.35											
	STD	00400	10.05											
	UBS	00400	10.05											
	STD	00500	08.06											
	UBS	00500	08.06											
	STD	00580	06.49											
	UBS	00600	05.75											
	STD	00600	05.75											
	UBS	00650	06.17											
	STD	00700	05.75											
	UBS	00700	05.75											
	STD	00800	05.06											
	UBS	00800	05.06											
	STD	00900	04.83											
	UBS	00900	04.83											
	STD	01000	04.52											
	UBS	01000	04.52											
	STD	01100	04.34											
	UBS	01100	04.34											
	STD	01200	04.20											
	UBS	01200	04.20											
	STD	01300	04.02											
	UBS	01300	04.02											
	STD	01400	03.92											
	UBS	01400	03.92											
	STD	01500	03.89											
	UBS	01500	03.89											

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TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

REFID 31 8257	YEAR 1971	BOTOP 04297	AIR TEMP 18.3	OIR HGT PER	WIND-OIR 22	INST STO RECORDER	TEN SQ 1307
CONSEC 0008	MONTH 03	SHIP 06	WET SULB 16.1	24 2 4	WIND-SPO 23	TRACE OIR 0	5 SQUARE 1
LAT 40 47 N	DAY 06	DATA USE 1	BAROMETR 1012.9	SEA	WIND-FJR	DURATION 00.2	2 SQUARE 03
LONG 050 16 W	HOHR 22.5	ARIA 05	CLCUD T/A	CL/TK	WEATHER X2	ORIG A4 025	1 SQUARE 00

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	QYNUPH	SNO VEL	3XYG	PJ4	TOT P	NO2	NO3	S1J3	PH
22.5	STU	00000	15.37	35.92	26.62	00.000	1509.7							
	OBS	00000	15.37	35.92	26.62		1509.7							
	STU	00010	15.37											
	OBS	00010	15.37											
	STU	00020	15.37											
	OBS	00020	15.37											
	STU	00030	15.37											
	OBS	00030	15.37											
	STU	00050	15.36											
	OBS	00050	15.36											
	STU	00075	15.14											
	OBS	00075	15.19											
	STU	00100	15.13											
	OBS	00100	15.13											
	STU	00125	15.09											
	OBS	00125	15.09											
	STU	00150	14.99											
	OBS	00150	14.99											
	STU	00200	14.16											
	OBS	00200	14.16											
	STU	00250	14.27											
	OBS	00250	14.27											
	STU	00300	13.35											
	OBS	00300	13.35											
	STU	00350	12.70											
	OBS	00400	11.50											
	STU	00400	11.50											
	OBS	00500	08.65											
	STU	00500	08.65											
	OBS	00600	06.62											
	STU	00600	06.62											
	OBS	00700	05.83											
	STU	00700	05.83											
	OBS	00800	05.06											
	STU	00800	05.06											
	OBS	00900	04.67											
	STU	00900	04.67											
	OBS	01000	04.51											
	STU	01000	04.51											
	OBS	01100	04.34											
	STU	01100	04.34											
	OBS	01200	04.20											
	STU	01200	04.20											
	OBS	01300	04.05											
	STU	01300	04.05											
	OBS	01400	04.03											
	STU	01400	04.03											
	OBS	01500	03.90											
	STU	01500	03.90											

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

REFID 31 8257	YEAR 1971	BUTOP 04206	AIR TEMP 14.4	DIV HGT PER	WIND-DIR 24	INST STD RECORDER	TEN SQ 1307
CONSEC 0009	MONTH 03	SHIP UG	NET BULB 11.7	24	WIND-SPD 11	TRACE DIR 0	5 SQUARE 1
LAT 41 20 N	DAY 09	DATA USC 1	BAROMETR 1009.5	SEA 5	WIND-FUR	DURATION 00.3	2 SQUARE 00
LONG 050 20 W	HOOR 02.0	AREA 05	CLOUD T/4	CL/TR	WATHEW X2	ORIG A4 025	1 SQUARE 10

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDRTH	SND VEL	CHYG	P74	TCT P	NU2	NU3	SIJ3	PH
02.0	STD	00000	13.71	35.78	20.87	00.000	1504.2							
	OBS	00000	13.71	35.78	20.87		1504.2							
	STD	00010	13.71											
	OBS	00010	13.71											
	STD	00020	13.71											
	OBS	00020	13.71											
	STD	00030	13.72											
	OBS	00030	13.72											
	STD	00050	13.72											
	OBS	00050	13.72											
	STD	00075	13.69											
	OBS	00075	13.69											
	STD	00100	13.71											
	OBS	00100	13.71											
	STD	00125	13.65											
	OBS	00125	13.65											
	STD	00150	13.63											
	OBS	00150	13.63											
	STD	00200	13.58											
	OBS	00200	13.58											
	STD	00210	13.56											
	OBS	00250	11.65											
	STD	00280	10.76											
	OBS	00300	10.42											
	STD	00300	10.42											
	OBS	00400	08.52											
	STD	00400	08.52											
	OBS	00500	06.65											
	STD	00500	06.65											
	OBS	00600	06.12											
	STD	00600	06.12											
	OBS	00700	05.34											
	STD	00700	05.34											
	OBS	00800	04.92											
	STD	00800	04.92											
	OBS	00900	04.62											
	STD	01000	04.44											
	OBS	01000	04.44											
	STD	01100	04.25											
	OBS	01100	04.25											
	STD	01200	04.18											
	OBS	01200	04.18											
	STD	01300	04.11											
	OBS	01300	04.11											
	STD	01400	04.02											
	OBS	01400	04.02											
	STD	01500	03.95											
	OBS	01500	03.95											

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TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

REFID 31 8257	YEAR 1971	BUTOP 03200	AIR TEMP 10.6	OIR HGT PER	WIND-OIR 22	INST STO RECORDER	TEN SQ 1307
CUNSL 0010	MONTH 03	SHIP OG	WET MULB 10.0	19 4 3	WIND-SPO 15	TRACE OIR 0	5 SQUARE 1
LAT 41 50 N	DAY 09	DATA USE 1	BAROMETR 1007.5	SEA	WIND-FUR	DURATION 00.2	2 SQUARE 00
LONG 050 20 W	HOUR 06.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X+	ORIG A4 025	1 SQUARE 10

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPH	SND VEL	UXYG	P74	TOT P	NO2	NO3	SIO3	PH
06.3	STO	00000	02.37											
	UBS	00000	02.37	32.73	26.15	00.000	1456.8							
	STO	00010	02.37		26.15		1456.8							
	UBS	00010	02.37											
	STO	00020	02.37											
	UBS	00020	02.37											
	STO	00030	02.16											
	UBS	00030	02.16											
	STO	00050	01.96											
	UBS	00050	01.96											
	UBS	00069	00.95											
	STO	00075	01.19											
	UBS	00075	01.19											
	STO	00100	01.65											
	UBS	00100	01.65											
	STO	00125	02.18											
	UBS	00125	02.18											
	STO	00150	02.55											
	UBS	00150	02.55											
	STO	00200	03.86											
	UBS	00200	03.86											
	STO	00250	04.35											
	UBS	00250	04.35											
	UBS	00265	04.53											
	STO	00300	04.07											
	UBS	00300	04.07											
	UBS	00355	04.60											
	UBS	00375	04.42											
	STO	00400	04.56											
	UBS	00400	04.56											
	STO	00500	04.65											
	UBS	00500	04.65											
	STO	00600	04.59											
	UBS	00600	04.59											
	STO	00700	04.37											
	UBS	00700	04.37											
	STO	00800	04.12											
	UBS	00800	04.12											
	UBS	00825	04.25											
	STO	00900	04.14											
	UBS	00900	04.14											
	UBS	00910	04.09											
	UBS	00950	04.06											
	STO	01000	03.96											
	UBS	01000	03.96											
	STO	01100	03.89											
	UBS	01100	03.89											
	STO	01200	03.89											
	UBS	01200	03.89											
	STO	01300	03.83											
	UBS	01300	03.83											
	STO	01400	03.78											
	UBS	01400	03.78											
	STO	01500	03.73											
	UBS	01500	03.73											

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

REF ID	31	8257	YEAR	1971	WOTD	02012	AIR TEMP	10.0	OIR HGT	PER	#IND-OIR	22	INST	STU	RECORDER	TEN	SO	1307			
CUNSEL		0011	MONTH	03	SHIP	06	WLT BULB	09.4	25	2	2	WIND-SPD	15	TRACE	OIR	0	5	SQUARE	1		
LAT	42	10	N	DAY	09	DATA	USE	1	8	ARCMETR	1005.4	SEA		DURATION	00.3	2	SQUARE	20			
LONG	050	16	W	HOOR	09.0	AREA	05		CLGUD	T/A		CL/TR		WEATHER	X4	URIG	A4	025	1	SQUARE	20

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	OXYG	PJ4	TOT P	NU2	NU3	SIG3	PH
09.0	STD	00000	00.09	33.24	26.70	00.000	1447.3							
	UBS	00000	00.09	33.24	26.70		1447.3							
	STD	00010	- 0.09											
	UBS	00010	- 0.09											
	STD	00020	- 0.03											
	UBS	00020	- 0.03											
	STD	00030	00.34											
	UBS	00030	00.34											
	STD	00050	00.70											
	UBS	00050	00.70											
	STD	00075	01.22											
	UBS	00075	01.22											
	STD	00100	01.19											
	UBS	00100	01.19											
	STD	00125	01.97											
	UBS	00125	01.97											
	STD	00150	02.62											
	UBS	00150	02.62											
	STD	00200	03.52											
	UBS	00200	03.52											
	STD	00250	03.99											
	UBS	00250	03.99											
	STD	00300	04.11											
	UBS	00300	04.11											
	STD	00400	04.40											
	UBS	00400	04.40											
	STD	00500	04.45											
	UBS	00500	04.45											
	STD	00600	04.45											
	UBS	00600	04.45											
	STD	00700	04.45											
	UBS	00700	04.45											
	STD	00800	04.26											
	UBS	00800	04.26											
	STD	00900	04.16											
	UBS	00900	04.16											
	STD	01000	04.09											
	UBS	01000	04.09											
	STD	01100	04.03											
	UBS	01100	04.03											
	STD	01200	03.98											
	UBS	01200	03.98											
	STD	01300	03.85											
	UBS	01300	03.85											
	STD	01400	03.77											
	UBS	01400	03.77											
	STD	01500	03.73											
	UBS	01500	03.73											

TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

REFID	31	8257	YEAR	1971	BOTOP	00914	AIR TEMP	08.3	DIR HGT PER	WIND-DIR	25	INST STO RECORDER	TEN SQ 1307
CUNSEC		0012	MONTH	03	SHIP OG		WET BULB	07.6	24 2 3	WIND-SPD	09	TRACE DIR	5 SQUARE 1
LAT	42	50 N	DAY	09	DATA USE	1	BAROMETR	1006.8	SEA	WIND-FOR		DURATION	2 SQUARE 20
LONG	050	20 W	HOUR	13.6	AREA	05	CLOUD T/A		CL/TR	WEATHER	X4	ORIG A4 025	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	UXYG	P34	TOT P	NO2	NO3	SI03	PH
	STD	00000	- 0.65	33.05	26.58	00.000	1443.6							
13.6	OBS	00000	- 0.65	33.05	26.58		1443.6							
	STD	00010	- 0.67											
	OBS	00010	- 0.67											
	STD	00020	- 0.68											
	OBS	00020	- 0.68											
	STD	00030	- 0.68											
	OBS	00030	- 0.68											
	STD	00050	- 0.74											
	OBS	00050	- 0.74											
	STD	00075	- 0.21											
	OBS	00075	- 0.21											
	STD	00100	- 0.57											
	OBS	00100	- 0.57											
	STD	00125	- 0.86											
	OBS	00125	- 0.86											
	STD	00150	00.97											
	OBS	00150	00.97											
	STD	00200	01.29											
	OBS	00200	01.29											
	STD	00250	01.69											
	OBS	00250	01.69											
	STD	00300	02.06											
	OBS	00300	02.06											
	STD	00400	02.93											
	OBS	00400	02.93											
	STD	00450	03.14											
	OBS	00500	03.69											
	STD	00500	03.69											
	OBS	00575	04.10											
	STD	00600	04.20											
	OBS	00600	04.20											
	STD	00700	04.07											
	OBS	00700	04.07											
	OBS	00750	04.40											

REFID	31	8257	YEAR	1971	BOTOP	00091	AIR TEMP	02.8	DIR HGT PER	WIND-DIR	07	INST STO RECORDER	TEN SQ 1307
CUNSEC		0013	MONTH	03	SHIP OG		WET BULB	02.2	21 2 2	WIND-SPD	05	TRACE DIR	5 SQUARE 1
LAT	43	00 N	DAY	09	DATA USE	1	BAROMETR	1006.1	SEA	WIND-FOR		DURATION	2 SQUARE 20
LONG	050	20 W	HOUR	15.3	AREA	05	CLOUD T/A		CL/TR	WEATHER	X4	ORIG A4 025	1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	UXYG	P34	TOT P	NO2	NO3	SI03	PH
	STD	00000	00.63											
15.3	OBS	00000	00.63											
	STD	00010	00.33											
	OBS	00010	00.33											
	STD	00020	00.22											
	OBS	00020	00.22											
	STD	00030	00.00											
	OBS	00030	00.00											
	STD	00050	- 0.34											
	OBS	00050	- 0.34											
	STD	00075	- 0.51											
	OBS	00075	- 0.51											
	STD	00080	- 0.47											
	OBS	00091	- 0.47											

REFID	31	8257	YEAR	1971	BOTOP		AIR TEMP	02.8	DIR HGT PER	WIND-DIR	07	INST STO RECORDER	TEN SQ 1307
CUNSEC		0014	MONTH	03	SHIP OG		WET BULB	02.8	23 2 2	WIND-SPD	05	TRACE DIR	5 SQUARE 1
LAT	43	10 N	DAY	09	DATA USE	1	BAROMETR	1006.8	SEA	WIND-FOR		DURATION	2 SQUARE 20
LONG	050	20 W	HOUR	17.5	AREA	05	CLOUD T/A		CL/TR	WEATHER	X4	ORIG A4 025	1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	UXYG	P34	TOT P	NO2	NO3	SI03	PH
	STD	00000	00.64	32.73	26.27	00.000	1449.1							
17.5	OBS	00000	00.64	32.73	26.27		1449.1							
	STD	00010	00.59											
	OBS	00010	00.58											
	STD	00020	00.46											
	OBS	00020	00.46											
	STD	00030	00.11											
	OBS	00030	00.11											
	STD	00050	- 0.38											
	OBS	00050	- 0.38											
	STD	00075	- 0.93											
	OBS	00075	- 0.93											
	OBS	00080	- 0.42											

TABLE XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-8 January 1972, Prepared from NODC Listing No. 31-1971.

REFID 31 1971	YEAR 1972	80TOP 00070	AIR TEMP 03.8	OIR HGT PER	WIND-OIR 30	INST NANSEN CAST	TEN SQ 1307
CONSEC 0001	MONTH 01	SHIP 3L	WET BULB 01.9	29 6 5	WIND-SPD 25	TRACE OIR	5 SQUARE 1
LAT 43 10 N	DAY 05	DATA USE 1	BAROMETR 1014.5	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 19 W	HOOR 02.6	AREA 05	CLOUD T/A 8/5	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PD4	TOT P	NO2	NO3	SIO3	PH
02.6	STD	00000	03.89	32.14	25.55	00.000	1462.5							
	085	00000	03.89	32.138	25.55		1462.5							
	S-	00010	03.76	32.14	25.56	00.024	1462.2							
	STD	00020	03.58	32.13	25.57	00.049	1461.5							
02.6	085	00025	03.47	32.134	25.58		1461.2							
	STD	00030	03.32	32.14	25.60	00.073	1460.6							
	STD	00050	02.72	32.55	25.98	00.117	1458.9							
02.6	085	00050	02.72	32.547	25.98		1458.9							
02.6	085	00060	01.80	32.987	26.40		1455.6							

REFID 31 1971	YEAR 1972	80TOP 00109	AIR TEMP 03.7	OIR HGT PER	WIND-OIR 30	INST NANSEN CAST	TEN SQ 1307
CONSEC 0002	MONTH 01	SHIP 3L	WET BULB 01.8	29 6 5	WIND-SPD 25	TRACE OIR	5 SQUARE 1
LAT 42 58 N	DAY 05	DATA USE 1	BAROMETR 1014.5	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 18 W	HOOR 04.0	AREA 05	CLOUD T/A 8/5	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PD4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	02.56	32.45	25.91	00.000	1457.2							
04.0	085	00000	02.56	32.449	25.91		1457.2							
	STD	00010	02.55	32.47	25.93	00.021	1457.4							
	STD	00020	02.49	32.49	25.95	00.042	1457.3							
04.0	085	00025	02.44	32.501	25.96		1457.2							
	STD	00030	02.39	32.64	26.08	00.062	1457.2							
04.0	085	00049	02.00	33.086	26.46		1456.4							
	STD	00050	01.94	33.11	26.48	00.097	1456.2							
04.0	085	00074	00.98	33.478	26.85		1452.9							
	STD	00075	00.96	33.49	26.85	00.131	1452.8							
04.0	085	00098	00.74	33.510	26.89		1452.2							

REFID 31 1971	YEAR 1972	80TOP 00658	AIR TEMP 03.9	OIR HGT PER	WIND-OIR 30	INST NANSEN CAST	TEN SQ 1307
CONSEC 0003	MONTH 01	SHIP 3L	WET BULB 02.6	29 6 5	WIND-SPD 25	TRACE OIR	5 SQUARE 1
LAT 42 51 N	DAY 05	DATA USE 1	BAROMETR 1015.8	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 20 W	HOOR 06.5	AREA 05	CLOUD T/A 8/5	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	PD4	TOT P	NO2	NO3	SIO3	PH
	STD	00000	03.80	32.25	25.64	00.000	1462.3							
06.5	085	00000	03.80	32.251	25.64		1462.3							
	STD	00010	03.41	32.31	25.73	00.023	1460.9							
	STD	00020	02.98	32.43	25.86	00.045	1459.3							
06.5	085	00025	02.74	32.511	25.95		1458.5							
	STD	00030	02.38	32.68	26.11	00.066	1457.2							
	STD	00050	01.38	33.16	26.57	00.099	1453.8							
06.5	085	00050	01.38	33.163	26.57		1453.8							
	STD	00075	01.18	33.32	26.71	00.135	1453.5							
06.5	085	00075	01.18	33.318	26.71		1453.5							
	STD	00100	01.08	33.46	26.82	00.167	1453.7							
06.5	085	00104	01.08	33.459	26.82		1453.7							
	STD	00125	00.74	33.59	26.95	00.196	1452.8							
	STD	00150	00.57	33.71	27.05	00.223	1452.6							
06.5	085	00150	00.57	33.707	27.05		1452.6							
	STD	00200	00.79	33.88	27.18	00.271	1454.6							
06.5	085	100205	00.82	33.893	27.19		1454.9							
	STD	00250	01.20	34.03	27.28	00.314	1457.5							
	STD	00300	01.52	34.15	27.39	00.352	1459.9							
06.5	085	00305	01.55	34.155	27.35		1460.1							
	STD	00400	01.85	34.23	27.38	00.426	1463.2							
06.5	085	100405	01.86	34.229	27.39		1463.3							

TABLE XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-8 January 1972, Prepared from NODC Listing No. 31-1971.—Continued

REFID 31 1971	YEAR 1972	BDTOP 01865	AIR TEMP 05.0	DIR HGT PER	WIND-DIR 29	INST NANSEN CAST	TEN SQ 1307
CONSEC 0004	MONTH 01	SHIP 31	WET BULB 03.1	29 5 4	WIND-SPO 22	TRACE OIR	5 SQUARE 1
LAT 42 40 N	DAY 05	DATA USE 1	BAROMETR 1014.7	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 20 W	HRUR 08.6	AREA 05	CLOUD T/A 8/5	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHTH	SND VEL	OXYG	PD4	TOT P	NO2	NO3	SI03	PH
08.6	STD	00000	03.04	32.32	25.77	00.000	1459.1							
	DBS	00000	03.04	32.324	25.77		1459.1							
	STD	00010	03.10	32.37	25.80	00.022	1459.6							
	STD	00020	03.16	32.42	25.84	00.044	1460.1							
08.6	DBS	00024	03.18	32.436	25.85		1460.3							
	STD	00030	05.47	33.03	26.08	00.065	1470.8							
08.6	DBS	00048	10.52	34.450	26.45		1492.3							
	STD	00050	10.84	34.58	26.49	00.100	1493.7							
08.6	DBS	00071	12.98	35.466	26.78		1502.5							
	STD	00075	12.94	35.48	26.80	00.135	1502.5							
08.6	DBS	00095	12.76	35.498	26.84		1502.2							
	STD	00100	12.41	35.44	26.87	00.166	1501.1							
	STD	00125	10.74	35.16	26.96	00.196	1495.3							
08.6	DBS	00143	09.65	34.982	27.02		1491.4							
	STD	00150	09.31	34.94	27.04	00.223	1490.3							
	STD	00200	07.10	34.70	27.19	00.273	1482.3							
	STD	00250	05.23	34.50	27.28	00.317	1475.4							
08.6	DBS	00291	03.94	34.385	27.33		1470.6							
	STD	00300	03.60	34.35	27.33	00.357	1469.3							
08.6	DBS	T00387	01.80	34.244	27.40		1462.7							
	STD	00400	01.98	34.29	27.43	00.429	1463.8							
08.6	DBS	00489	03.00	34.548	27.55		1470.1							
	STD	00500	03.09	34.57	27.56	00.492	1470.7							
08.6	DBS	00585	03.68	34.744	27.64		1474.8							
	STD	00600	03.74	34.76	27.64	00.546	1475.3							
	STD	00700	04.04	34.83	27.67	00.597	1478.3							
08.6	DBS	T00778	04.18	34.869	27.68		1480.3							
	STD	00800	04.18	34.87	27.69	00.647	1480.7							
	STD	00900	04.17	34.89	27.70	00.696	1482.3							
08.6	DBS	T00978	04.16	34.900	27.71		1483.6							
08.6	DBS	T01481	03.99	34.937	27.76		1491.3							

REFID 31 1971	YEAR 1972	BDTOP 02450	AIR TEMP 05.4	DIR HGT PER	WIND-DIR 27	INST NANSEN CAST	TEN SQ 1307
CONSEC 0005	MONTH 01	SHIP 31	WET BULB 03.9	29 5 4	WIND-SPO 14	TRACE OIR	5 SQUARE 1
LAT 42 30 N	DAY 05	DATA USE 1	BAROMETR 1014.5	SEA	WIND-FOR	DURATION	2 SQUARE 20
LONG 050 20 W	HRUR 11.8	AREA 05	CLOUD T/A 8/8	CL/TR	WEATHER X2	ORIG A4 026	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHTH	SND VEL	OXYG	PD4	TOT P	NO2	NO3	SI03	PH
11.8	STD	00000	03.11	32.39	25.81	00.000	1459.5							
	DBS	00000	03.11	32.386	25.81		1459.5							
	STD	00010	05.64	33.00	26.04	00.021	1471.1							
	STD	00020	07.68	33.50	26.16	00.040	1480.1							
11.8	DBS	00025	08.51	33.707	26.20		1483.6							
	STD	00030	08.96	33.80	26.20	00.059	1485.5							
	STD	00050	10.81	34.34	26.32	00.094	1493.3							
11.8	DBS	00050	10.81	34.344	26.32		1493.3							
	STD	00075	13.27	35.46	26.71	00.133	1503.6							
11.8	DBS	00075	13.27	35.456	26.71		1503.6							
	STD	00100	13.27	35.71	26.91	00.165	1504.3							
11.8	DBS	00100	13.27	35.712	26.91		1504.3							
	STD	00125	12.89	35.61	26.91	00.194	1503.3							
	STD	00150	12.34	35.49	26.92	00.224	1501.7							
11.8	DBS	00151	12.31	35.485	26.92		1501.6							
	STD	00200	10.73	34.97	26.82	00.285	1496.3							
11.8	DBS	T00206	10.47											
	STD	00250	07.02	34.58	27.11	00.343	1482.7							
	STD	00300	04.14	34.33	27.26	00.389	1471.5							
11.8	DBS	00307	03.83	34.305	27.27		1470.3							
	STD	00400	01.75	34.25	27.42	00.466	1462.7							
11.8	DBS	T00408	01.71	34.250	27.42		1462.7							
	STD	00500	02.99	34.55	27.55	00.529	1470.2							
11.8	DBS	00514	03.15	34.587	27.56		1471.2							
	STD	00600	03.97	34.80	27.65	00.584	1476.4							
11.8	DBS	00615	04.09	34.831	27.66		1477.2							
11.8	DBS	T01023	04.45	34.997	27.76		1485.7							
11.8	DBS	T01539	03.91	34.953	27.78		1492.0							

TABLE XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-S
January 1972, Prepared from NODC Listing No. 31-1971.—Continued

REFID 31 1971	YEAR 1972	BDTDP 03173	AIR TEMP 06.3	DIR HGT PER	WIND-DIR 11	INST NAMSEN CAST	TEN SO 1307
CDNSEC 0006	MONTH 01	SHIP 3L	WET BULB 04.8	29 4 4	WIND-SPD 14	TRACE DIR	5 SQUARE 1
LAT 42 10 N	DAY 05	DATA USE 1	BAROMETR 1009.0	SEA	WIND-FDR	DURATION	2 SQUARE 20
LONG 050 20 W	HOOR 14.5	AREA 05	CLOUD T/A 7/8	CL/TR	WEATHER X5	ORIG A4 026	1 SQUARE 20

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXYG	PD4	TOT P	ND2	ND3	S1D3	PH
	STD	00000	05.00	32.64	25.83	00.000	1467.9							
14.5	DBS	00000	05.00	32.637	25.83		1467.9							
	STD	00010	05.30	32.72	25.86	00.022	1469.4							
	STD	00020	05.60	32.80	25.89	00.043	1470.9							
14.5	DBS	00025	05.75	32.844	25.90		1471.6							
	STD	00030	06.90	33.20	26.03	00.064	1476.8							
14.5	DBS	00049	09.76	34.074	26.29		1489.1							
	STD	00050	09.77	34.08	26.29	00.101	1489.2							
14.5	DBS	00074	09.91	34.132	26.31		1490.2							
	STD	00075	10.09	34.20	26.33	00.144	1490.9							
14.5	DBS	00098	13.20	35.371	26.66		1503.6							
	STD	00100	13.19	35.38	26.67	00.183	1503.6							
	STD	00125	13.09	35.49	26.77	00.218	1503.8							
14.5	DBS	00148	12.95	35.548	26.85		1503.8							
	STD	00150	12.93	35.55	26.85	00.250	1503.8							
	STD	00200	12.43	35.53	26.93	00.311	1502.9							
14.5	DBS	00202	12.41	35.528	26.94		1502.8							
	STD	00250	09.82	35.16	27.13	00.365	1494.0							
14.5	DBS	00263	09.20	35.082	27.17		1491.9							
	STD	00300	07.47	34.88	27.28	00.412	1485.7							
14.5	DBS	T00351	05.90	34.738	27.38		1480.1							
	STD	00400	05.64	34.84	27.49	00.487	1480.0							
14.5	DBS	00446	05.45	34.909	27.57		1480.1							
	STD	00500	05.31	34.97	27.64	00.546	1480.5							
14.5	DBS	00537	05.22	35.003	27.67		1480.8							
	STD	00600	05.11	35.00	27.69	00.597	1481.3							
	STD	00700	04.94	35.01	27.71	00.645	1482.3							
14.5	DBS	00722		35.008										
	STD	00800	04.78	35.01	27.73	00.693	1483.3							
	STD	00900	04.63	35.01	27.75	00.739	1484.4							
14.5	DBS	T00916	04.61	35.015	27.75		1484.6							
14.5	DBS	T01525	04.00	34.975	27.79		1492.2							

REFID 31 1971	YEAR 1972	BDTDP 03749	AIR TEMP 04.7	DIR HGT PER	WIND-DIR 34	INST NAMSEN CAST	TEN SO 1307
CDNSEC 0007	MONTH 01	SHIP 3L	WET BULB 03.9	33 5 5	WIND-SPD 35	TRACE DIR	5 SQUARE 1
LAT 41 14 N	DAY 06	DATA USE 1	BAROMETR 1015.5	SEA	WIND-FDR	DURATION	2 SQUARE 00
LONG 050 20 W	HOOR 15.1	AREA 05	CLOUD T/A 8/6	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 10

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXYG	PD4	TOT P	ND2	ND3	S1D3	PH
	STD	00000	17.10	36.24	26.46	00.000	1515.3							
15.1	DBS	00000	17.10	36.240	26.46		1515.3							
	STD	00010	17.13	36.24	26.46	00.016	1515.6							
	STD	00020	17.15	36.25	26.45	00.032	1515.8							
15.1	DBS	00029	17.16	36.248	26.45		1516.0							
	STD	00030	17.16	36.25	26.45	00.048	1516.0							
	STD	00050	17.16	36.25	26.45	00.080	1516.3							
	STD	00075	17.15	36.24	26.45	00.120	1516.7							
15.1	DBS	00081	17.15	36.244	26.45		1516.8							
	STD	00100	17.18	36.25	26.45	00.160	1517.2							
15.1	DBS	00105	17.18	36.250	26.45		1517.3							
	STD	00125	17.18	36.25	26.45	00.201	1517.6							
	STD	00150	17.17	36.24	26.44	00.242	1518.0							
15.1	DBS	00158	17.17	36.242	26.44		1518.1							
	STD	00200	17.07	36.25	26.47	00.324	1518.5							
15.1	DBS	00211		36.255										
	STD	00250	16.95	36.32	26.56	00.404	1519.1							
	STD	00300	16.83	36.40	26.65	00.481	1519.7							
15.1	DBS	00317	16.79	36.430	26.68		1519.9							
	STD	00400	15.69	36.14	26.71	00.630	1517.5							
15.1	DBS	T00423	15.34	36.067	26.74		1516.7							
	STD	00500	14.15	35.88	26.85	00.771	1514.0							
15.1	DBS	00530	13.43	35.820	26.96		1512.0							
	STD	00600	10.90	35.70	27.36	00.882	1504.4							
15.1	DBS	00636	09.76	35.644	27.51		1500.8							
15.1	DBS	T01068	04.91	34.994	27.70		1488.3							
15.1	DBS	T01609	04.07	35.003	27.80		1493.9							

TABLE XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-8 January 1972, Prepared from NODC Listing No. 31-1971.—Continued

REFID 31 1971	YEAR 1972	BOTOP 03932	AIR TEMP 04.5	OIR HGT PER	WIND-OIR 34	INST NANSEN CAST	TEN SQ 1307
CONSEC 0008	MONTH 01	SHIP 3L	WET BULB 03.7	33 8 5	WIND-SPO 35	TRACE OIR	5 SQUARE 1
LAT 40 50 M	DAY 06	DATA USE 1	BAROMETR 1016.4	SEA	WIND-FDR	DURATION	2 SQUARE 00
LONG 050 20 W	HOUR 20.1	AREA 05	CLOUD T/A 8/6	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 00

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	QXYG	PD4	TOT P	NO2	NO3	S103	PH
	STD	00000	16.95	36.23	26.49	00.000	1514.9							
20.1	DBS	00000	16.95	36.228	26.49		1514.9							
	STD	00010	16.98	36.23	26.48	00.016	1515.1							
	STD	00020	17.00	36.22	26.47	00.031	1515.4							
20.1	DBS	00027	17.01	36.221	26.47		1515.5							
	STD	00030	17.01	36.21	26.46	00.047	1515.5							
	STD	00050	17.00	36.19	26.44	00.079	1515.8							
20.1	DBS	00050	17.00	36.190	26.44		1515.8							
	STD	00075	16.98	36.21	26.47	00.119	1516.2							
20.1	DBS	00077	16.98	36.214	26.47		1516.2							
	STD	00100	16.99	36.23	26.48	00.159	1516.6							
20.1	DBS	00100	16.99	36.232	26.48		1516.6							

REFID 31 1971	YEAR 1972	BOTOP 04297	AIR TEMP 06.9	DIR HGT PER	WIND-OIR 29	INST NANSEN CAST	TEN SQ 1307
CONSEC 0009	MONTH 01	SHIP 3L	WET BULB 05.9	32 6 5	WIND-SPD 33	TRACE OIR	5 SQUARE 1
LAT 40 20 N	DAY 07	DATA USE 1	BAROMETR 1016.0	SEA	WIND-FDR	DURATION	2 SQUARE 00
LONG 050 20 W	HOUR 00.5	AREA 05	CLOUD T/A 8/6	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 00

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	QXYG	PD4	TOT P	NO2	NO3	S103	PH
	STD	00000		35.74										
00.5	DBS	00000		35.737										
	STD	00010		35.74										
	STD	00020		35.74										
00.5	DBS	00027	16.03	35.742	26.33		1512.0							
	STD	00030	16.02	35.74	26.33		1512.0							
	STD	00050	16.00	35.74	26.33		1512.2							
00.5	DBS	00051	16.00	35.740	26.33		1512.2							
	STD	00075	16.02	35.74	26.33		1512.7							
00.5	DBS	00080	16.03	35.735	26.32		1512.8							
	STD	00100	16.00	35.72	26.32		1513.0							
00.5	DBS	00104	15.99	35.722	26.32		1513.1							
	STD	00125	15.97	35.72	26.33		1513.3							
	STD	00150	15.93	35.72	26.33		1513.6							
00.5	DBS	00156	15.92	35.720	26.34		1513.7							
	STD	00200	15.82	35.71	26.35		1514.1							
00.5	DBS	00209	15.80	35.702	26.35		1514.2							

TABLE XI.--Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-8 January 1972, Prepared from NODC Listing No. 31-1971.--Continued

REFID 31 1971	YEAR 1972	BOTOP 05303	AIR TEMP 08.1	DIR HGT PER	WIND-DIR 28	INST NANSEN CAST	TEN SQ 1207
CONSEC 0010	MONTH 01	SHIP 3L	WET BULB 06.3	30 5 5	WIND-SPO 30	TRACE DIR	5 SQUARE 3
LAT 39 52 N	DAY 07	DATA USE 1	BAROMETER 1017.5	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 050 14 W	HOOR 04.8	AREA 05	CLOUD T/A 8/6	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 90

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	19.67	36.38	25.92	00.000	1522.8							
04.8	085	00000	19.67	36.378	25.92		1522.8							
	STO	00010	19.67	36.39	25.93	00.021	1523.0							
	STO	00020	19.66	36.39	25.93	00.042	1523.2							
04.8	085	00028	19.66	36.399	25.94		1523.3							
	STO	00030	19.66	36.40	25.94	00.063	1523.3							
	STO	00050	19.68	36.40	25.93	00.105	1523.7							
04.8	085	00052	19.68	36.403	25.93		1523.8							
	STO	00075	19.70	36.41	25.94	00.157	1524.2							
04.8	085	00080	19.71	36.414	25.93		1524.3							
	STO	00100	19.74	36.41	25.92	00.210	1524.7							
04.8	085	00104	19.74	36.408	25.92		1524.8							
	STO	00125	19.72	36.41	25.93	00.263	1525.1							
	STO	00150	19.70	36.42	25.94	00.316	1525.4							
04.8	085	00156	19.69	36.422	25.95		1525.5							
	STO	00200	19.09	36.47	26.14	00.419	1524.6							
04.8	085	00208	18.99	36.476	26.17		1524.5							
	STO	00250	18.45	36.48	26.31	00.513	1523.7							
	STO	00300	17.96	36.50	26.44	00.600	1523.1							
04.8	085	00312	17.87	36.498	26.47		1523.0							
	STO	00400	17.56	36.47	26.52	00.768	1523.5							
04.8	085	T00416	17.46	36.464	26.54		1523.5							
07.2	085	T00434	17.33	36.411	26.53		1523.4							
	STO	00500	16.70	36.32	26.62	00.931	1522.5							
07.2	085	00518	14.47	36.283	26.64		1522.0							
	STO	00600	14.85	35.98	26.78	01.084	1518.0							
07.2	085	00686	13.00	35.677	26.93		1513.0							
	STO	00700	12.61	35.62	26.97	01.221	1511.8							
	STO	00800	10.09	35.29	27.18	01.338	1504.3							
07.2	085	00857	08.88	35.151	27.28		1500.6							
07.2	085	01279	04.91	35.081	27.77		1491.9							
	STO	T1300	04.86	35.08	27.77		1492.1							
	STO	T1400	04.63	35.05	27.78		1492.8							
	STO	01500	04.44	35.03	27.78		1493.6							
07.2	085	T01700	04.14	34.996	27.79		1495.7							
	STO	01750	04.12	34.99	27.79		1496.5							
	STO	02000	04.00	34.99	27.30		1500.2							
07.2	085	02131	03.92											
	STO	02500	03.64	34.98	27.83		1507.2							
07.2	085	T02562	03.59	34.976	27.83		1508.1							

REFID 31 1971	YEAR 1972	BOTOP 04114	AIR TEMP 11.1	DIR HGT PER	WIND-DIR 30	INST NANSEN CAST	TEN SQ 1207
CONSEC 0011	MONTH 01	SHIP 3L	WET BULB 08.1	30 5 4	WIND-SPO 20	TRACE DIR	5 SQUARE 3
LAT 39 20 N	DAY 07	DATA USE 1	BAROMETER 1019.0	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 050 20 W	HOOR 11.5	AREA 05	CLOUD T/A 6/8	CL/TR	WEATHER X2	ORIG A4 026	1 SQUARE 90

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	PO4	TOT P	NO2	NO3	SIO3	PH
	STO	00000	19.82	36.42	25.91	00.000	1523.3							
11.5	085	00000	19.82	36.421	25.91		1523.3							
	STO	00010	19.83	36.45	25.93	00.021	1523.5							
	STO	00020	19.83	36.46	25.94	00.042	1523.7							
11.5	085	00028	19.84	36.467	25.94		1523.9							
	STO	00030	19.84	36.46	25.94	00.063	1523.9							
	STO	00050	19.87	36.44	25.91 *	00.105	1524.3							
11.5	085	00052	19.87	36.436	25.91		1524.3							
	STO	00075	19.86	36.43	25.90	00.158	1524.7							
11.5	085	00081	19.86	36.423	25.90		1524.7							
	STO	00100	19.87	36.44	25.91	00.211	1525.1							
11.5	085	00105	19.87	36.438	25.91		1525.2							
	STO	00125	19.87	36.45	25.92	00.265	1525.5							
	STO	00150	19.87	36.46	25.93	00.318	1526.0							
11.5	085	00159	19.87	36.464	25.93		1526.1							
	STO	00200	19.41	36.56	26.12	00.421	1525.6							
11.5	085	T00212	19.30	36.572	26.16		1525.5							
	STO	00250	19.01	36.55	26.22	00.518	1525.3							
	STO	00300	18.78	36.52	26.26	00.612	1525.5							
11.5	085	00320	18.74	36.509	26.26		1525.7							

TABLE XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-8 January 1972, Prepared from NODC Listing No. 31-1971.—Continued

REFID 31 1971	YEAR 1972	80TOP 05303	AIR TEMP 14.0	DIR HGT PER	WIND-OIR 00	INST NANSEN CAST	TEN SQ 1207
CONSEC 0012	MONTH 01	SHIP 3L	WET BULB 09.8	33 4 3	WIND-SPO 00	TRACE OIR	5 SQUARE 3
LAT 38 50 N	OAY 01	DATA USE 1	BAROMETR 1018.6	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 050 20 W	HOUR 15.2	AREA 05	CLOUD T/A 8/6	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 80

CASSTNUM/TIME	LVL TYP	DEPTM	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
	STD	00000	19.53	36.37	25.95	00.000	1522.5							
15.2	085	00000	19.53	36.372	25.95		1522.5							
	STD	00010	19.53	36.38	25.95	00.021	1522.6							
	STD	00020	19.53	36.39	25.94	00.041	1522.8							
15.2	085	00025	19.53	36.390	25.96		1522.9							
	STD	00030	19.54	36.38	25.95	00.062	1523.0							
	STD	00050	19.56	36.36	25.93	00.104	1523.3							
15.2	085	00050	19.56	36.356	25.93		1523.3							
	STD	00075	19.55	36.36	25.94	00.156	1523.7							
15.2	085	00075	19.55	36.362	25.94		1523.7							
	STD	00100	19.56	36.38	25.94	00.209	1524.2							
15.2	085	00100	19.56	36.376	25.94		1524.2							
	STD	00125	19.54	36.38	25.95	00.262	1524.6							
	STD	00150	19.53	36.38	25.96	00.314	1524.9							
15.2	085	00150	19.53	36.384	25.96		1524.9							
	STD	00200	19.18	36.54	26.17	00.415	1525.0							
15.2	085	00205	19.14	36.548	26.19		1524.9							
	STD	00250	18.65	36.52	26.29	00.509	1524.3							
	STD	00300	18.18	36.49	26.39	00.599	1523.7							
15.2	085	00305		36.492										
	STD	00400	17.48	36.44	26.52	00.769	1523.3							
15.2	085	T00405	17.45	36.433	26.52		1523.3							
	STD	00500	17.11	36.42	26.59	00.934	1523.8							
15.2	085	00510	17.06	36.411	26.60		1523.8							
	STD	00600	16.47	36.32	26.67	01.093	1523.4							
15.2	085	00610	16.38	36.305	26.68		1523.3							
	STD	00700		35.94										
	STD	00800		35.61										
15.2	085	00810		35.577										
	STD	00900		35.34										
	STD	01000		35.13										
15.2	085	T01015	07.58	35.108	27.44		1498.2							
15.2	085	01525	04.46	35.052	27.80		1494.2							

REFID 31 1971	YEAR 1972	80TOP 05303	AIR TEMP 14.0	DIR HGT PER	WIND-OIR 00	INST NANSEN CAST	TEN SQ 1207
CONSEC 0013	MONTH 01	SHIP 3L	WET BULB 09.8	33 4 3	WIND-SPO 00	TRACE OIR	5 SQUARE 3
LAT 38 20 N	DAY 07	DATA USE 1	BAROMETR 1019.0	SEA	WIND-FOR	DURATION	2 SQUARE 80
LONG 050 20 W	HOUR 19.2	AREA 05	CLOUD T/A 8/6	CL/TR	WEATHER X1	ORIG A4 026	1 SQUARE 80

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	OXYG	P04	TOT P	NO2	NO3	S103	PH
	STD	00000	18.74	36.36	26.14	00.000	1520.2							
19.2	085	00000	18.74	36.356	26.14		1520.2							
	STD	00010	18.74	36.36	26.14	00.019	1520.4							
	STD	00020	18.73	36.36	26.14	00.038	1520.5							
19.2	085	00021	18.73	36.357	26.14		1520.5							
	STD	00030	18.67	36.36	26.16	00.056	1520.5							
19.2	085	00043	18.64	36.358	26.17		1520.7							
	STD	00050	18.70	36.35	26.15	00.094	1520.9							
19.2	085	00065	18.78	36.351	26.13		1521.4							
	STD	00075	18.77	36.36	26.13	00.142	1521.6							
19.2	085	00086	18.76	36.359	26.14		1521.7							
	STD	00100	18.73	36.35	26.14	00.190	1521.8							
	STD	00125	18.65	36.34	26.15	00.238	1522.0							
19.2	085	00130	18.63	36.337	26.15		1522.0							
	STD	00150	18.52	36.35	26.20	00.285	1522.1							
19.2	085	00178	18.42	36.380	26.24		1522.3							
	STD	00200	18.44	36.41	26.26	00.378	1522.7							
	STD	00250	18.47	36.45	26.28	00.470	1523.7							
19.2	085	00264	18.48	36.464	26.29		1524.0							
	STD	00300	18.26	36.49	26.36	00.560	1523.9							
19.2	085	T00350	17.96	36.495	26.44		1523.9							
	STD	00400	17.68	36.47	26.49	00.734	1523.9							
19.2	085	00441	17.45	36.441	26.53		1523.9							
	STD	00500	17.16											
19.2	085	00527	16.95											
	STD	00600	15.31											
	STD	00700	13.24											
	STD	00800	11.39											
19.2	085	T00885	09.98											
19.2	085	T01360	04.96	35.179	27.84		1493.6							

TABLE XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-8 January 1972, Prepared from NODC Listing No. 31-1971.—Continued

REFID	31	1971	YEAR	1972	80TOP	05295	AIR TEMP	16.0	OIR HGT PER	WIND-OIR	15	INST NANSEN CAST	TEN SQ 1207
CONSEC	0014		MONTH	01	SHIP	3L	WET BULB	14.4	33 4 4	WIND-SPO	24	TRACE OIR	5 SQUARE 3
LAT	37 50 N		OAY	07	DATA USE	1	BAROMETR	1011.0	SEA	WIND-FOR		DURATION	2 SQUARE 60
LONG	050 20 W		HOOR	23.0	AREA	05	CLOUD T/A	8/6	CL/TR	WEATHER	X6	ORIG A4 026	1 SQUARE 70

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SND VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
	STO	00000	19.32	36.26	25.92	00.000	1521.7							
23.0	085	00000	19.32	36.263	25.92		1521.7							
	STO	00010	19.32	36.26	25.92	00.021	1521.9							
	STO	00020	19.32	36.26	25.92	00.042	1522.1							
23.0	085	00021	19.32	36.255	25.91		1522.1							
	STO	00030	19.20	36.25	25.9A	00.063	1521.9							
23.0	085	00041		36.249										
	STO	00050	18.95	36.30	26.04	00.104	1521.6							
23.0	085	00062		36.316										
	STO	00075	18.65	36.27	26.09	00.153	1521.1							
23.0	085	00082	18.57	36.246	26.10		1521.0							
	STO	00100	18.34	36.25	26.16	00.201	1520.6							
23.0	085	00124	18.13	36.252	26.22		1520.4							
	STO	00125	18.13	36.26	26.22	00.248	1520.4							
	STO	00150	18.10	36.42	26.36	00.293	1520.9							
23.0	085	00169	18.07	36.523	26.44		1521.3							
	STO	00200	18.01	36.51	26.44	00.378	1521.6							
	STO	00250	17.88	36.48	26.45	00.461	1522.0							
	STO	00300	17.72	36.44	26.46	00.545	1522.3							
23.0	085	T00333	17.60	36.410	26.47		1522.5							
	STO	00400	17.50	36.33	26.48	00.714	1522.6							
23.0	085	00418	17.21	36.326	26.50		1522.6							
	STO	00500	16.74	36.36	26.64	00.878	1522.6							
23.0	085	00500	16.74	36.358	26.64		1522.6							
23.0	085	T01253	05.23	35.291	27.90		1493.2							

REFID	31	1971	YEAR	1972	80TOP	05303	AIR TEMP	19.0	OIR HGT PER	WIND-OIR	20	INST NANSEN CAST	TEN SQ 1207
CONSEC	0015		MONTH	01	SHIP	3L	WET BULB	17.8	33 3 3	WIND-SPO	20	TRACE OIR	5 SQUARE 3
LAT	37 20 N		OAY	08	DATA USE	1	BAROMETR	1004.0	SEA	WIND-FOR		DURATION	2 SQUARE 60
LONG	050 20 W		HOOR	02.7	AREA	05	CLOUD T/A	6/8	CL/TR	WEATHER	X2	ORIG A4 026	1 SQUARE 70

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SND VEL	OXYG	P04	TOT P	NO2	NO3	SIO3	PH
	STO	00000	18.20	36.47	26.37	00.000	1518.8							
02.7	085	00000	18.20	36.471	26.37		1518.8							
	STO	00010	18.19	36.44	26.35	00.017	1518.9							
	STO	00020	18.18	36.43	26.34	00.034	1519.1							
02.7	085	00024	18.18	36.429	26.34		1519.1							
	STO	00030	18.20	36.44	26.34	00.051	1519.3							
02.7	085	00044	18.22	36.450	26.34		1519.6							
	STO	00050	18.21	36.43	26.33	00.085	1519.6							
02.7	085	00068	18.21	36.415	26.32		1519.9							
	STO	00075	18.22	36.43	26.33	00.128	1520.1							
02.7	085	00088	18.24	36.442	26.33		1520.4							
	STO	00100	18.23	36.44	26.34	00.171	1520.5							
	STO	00125	18.22	36.44	26.34	00.215	1520.9							
02.7	085	00133	18.22	36.444	26.34		1521.0							
	STO	00150	18.22	36.43	26.33	00.258	1521.3							
02.7	085	00176	18.21	36.419	26.32		1521.7							
	STO	00200	18.02	36.43	26.37	00.346	1521.6							
	STO	00250	17.70	36.44	26.47	00.430	1521.4							
02.7	085	00265	17.62	36.444	26.49		1521.5							
	STO	00300	17.50	36.40	26.48	00.513	1521.6							
02.7	085	T00352	17.31	36.356	26.50		1521.5							
	STO	00400	17.12	36.35	26.54	00.678	1522.1							
02.7	085	00441	16.94	36.348	26.58		1522.2							
05.7	085	T01987	03.94	34.976	27.79		1499.7							
	STO	02000	03.93	34.98	27.80		1499.9							
	STO	02500	03.53	34.98	27.84		1506.7							
05.7	085	02525	03.51	34.982	27.84		1507.1							
	STO	03000	03.10	34.95	27.86		1513.5							
05.7	085	T03065	03.05	34.946	27.86		1514.4							
05.7	085	T03609	02.62	35.113	28.03		1522.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.

REFID 31 8296	YEAR 1972	BDTOP 00090	AIR TEMP 01.7	DIR HGT PER	WIND-DIR 19	INST STO RECORER	TEN S3 1306
CONSEC 0001	MONTH 04	SHIP EV	WET BULB 00.6	18 1 2	WIND-SPD 13	TRACE DIR 0	5 SQUARE 4
LAT 47 00.0N	DAY 07	DATA USE 1	BAROMETR 1015.9	SEA	WIND-FJR	DURATION 00.1	2 SQUARE 58
LONG 048 59.0W	HOUR 19.9	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG IIP 110	1 SQUARE 78

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGNA-T	DYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	P4
19.9	STD	00000	- 1.31	32.86	26.46	00.000	1440.2							
	OBS	00000	- 1.31	32.865	26.46		1440.2							
	STD	00010	- 1.33	32.86	26.46	00.016	1440.3							
	OBS	00010	- 1.33	32.865	26.46		1440.3							
	STD	00020	- 1.37	32.85	26.45	00.032	1440.3							
	OBS	00020	- 1.37	32.855	26.45		1440.3							
	STD	00030	- 1.41	32.86	26.46	00.048	1440.3							
	OBS	00030	- 1.41	32.865	26.46		1440.3							
	STD	00050	- 1.44	32.87	26.46	00.079	1440.4							
	OBS	00050	- 1.44	32.870	26.46		1440.4							
	STD	00075	- 1.48	32.88	26.48	00.118	1440.7							
	OBS	00075	- 1.48	32.885	26.48		1440.7							

REFID 31 8296	YEAR 1972	BDTOP 00108	AIR TEMP 01.7	DIR HGT PER	WIND-DIR 19	INST STO RECORER	TEN S3 1306
CONSEC 0002	MONTH 04	SHIP EV	WET BULB 00.6	20 3 2	WIND-SPD 13	TRACE DIR 0	5 SQUARE 4
LAT 47 00.0N	DAY 07	DATA USE 1	BAROMETR 1015.2	SEA	WIND-FJR	DURATION 00.1	2 SQUARE 68
LONG 048 34.0W	HOUR 22.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG IIP 110	1 SQUARE 78

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGNA-T	DYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	PH
22.1	STD	00000	- 1.37	32.82	26.42	00.000	1439.9							
	OBS	00000	- 1.37	32.820	26.42		1440.0							
	STD	00010	- 1.37	32.82	26.42	00.016	1440.1							
	OBS	00012	- 1.36	32.818	26.42		1440.1							
	STD	00020	- 1.37	32.82	26.42	00.032	1440.2							
	STD	00030	- 1.38	32.82	26.42	00.049	1440.3							
	OBS	00032	- 1.38	32.816	26.42		1440.4							
	OBS	00035	- 1.39	32.803	26.41		1440.3							
	STD	00050	- 1.46	32.81	26.42	00.081	1440.3							
	OBS	00050	- 1.46	32.812	26.42		1440.3							
	STD	00075	- 1.54	32.85	26.45	00.121	1440.3							
	OBS	00076	- 1.55	32.852	26.45		1440.3							
	STD	00100	- 1.66	32.96	26.54	00.159	1440.4							
	OBS	00100	- 1.66	32.959	26.54		1440.4							
	OBS	00106	- 1.67	32.962	26.54		1440.4							

REFID 31 8296	YEAR 1972	BDTOP 00121	AIR TEMP 00.6	DIR HGT PER	WIND-DIR 19	INST STO RECORER	TEN S3 1306
CONSEC 0003	MONTH 04	SHIP EV	WET BULB -00.6	20 2 3	WIND-SPD 13	TRACE DIR 0	5 SQUARE 4
LAT 47 00.0N	DAY 08	DATA USE 1	BAROMETR 1014.6	SEA	WIND-FJR	DURATION 00.1	2 SQUARE 68
LONG 048 15.0W	HOUR 00.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG IIP 110	1 SQUARE 78

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGNA-T	DYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	P4
00.2	OBS	00009	- 1.36	32.813	26.41		1440.1							
	STD	00010	- 1.36	32.81	26.41		1440.1							
	STD	00020	- 1.35	32.81	26.41		1440.3							
	OBS	00021	- 1.35	32.812	26.41		1440.3							
	STD	00030	- 1.35	32.81	26.41		1440.5							
	OBS	00032	- 1.35	32.811	26.41		1440.5							
	OBS	00047	- 1.42	32.795	26.40		1440.4							
	STD	00050	- 1.42	32.82	26.42		1440.5							
	OBS	00050	- 1.42	32.822	26.42		1440.5							
	STD	00075	- 1.54	32.82	26.42		1440.3							
	OBS	00075	- 1.54	32.820	26.42		1440.3							
	OBS	00092	- 1.64	32.883	26.48		1440.2							
	STD	00100	- 1.64	32.92	26.51		1440.4							
	OBS	00100	- 1.64	32.920	26.51		1440.4							
	OBS	00117	- 1.60	33.004	26.57		1441.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTOP 00157	AIR TEMP 01.1	OIR HGT PER	WIND-OIR 27	INST STD RECORDER	TEN SQ 1306
CONSEC 0004	MONTH 04	SHIP EV	WET BULB 00.6	18 0 2	WIND-SPO 16	TRACE OIR 0	5 SQUARE 4
LAT 47 01 N	DAY 08	DATA USE 1	BAROMETR 1012.5	SEA	WIND-FJR	DURATION 00.1	2 SQUARE 66
LONG 047 50 W	HOOR 03.3	AREA 05	CLOUD T/4	CL/TR	WEATHER X4	ORIG IIP 110	1 SQUARE 77

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	PH
03.3	085	00011	- 1.37	32.856	26.45		1440.1							
	STO	00020	- 1.37	32.86	26.45		1440.2							
	STO	00030	- 1.38	32.85	26.45		1440.4							
	085	00031	- 1.38	32.854	26.45		1440.4							
	085	00037	- 1.41	32.845	26.44		1440.3							
	085	00049	- 1.59	32.893	26.48		1439.8							
	STO	00050	- 1.59	32.89	26.49		1439.8							
	085	00051	- 1.59	32.896	26.49		1439.8							
	085	00068	- 1.54	33.025	26.59		1440.5							
	STO	00075	- 1.41	33.10	26.65		1441.3							
	085	00075	- 1.41	33.105	26.65		1441.3							
	085	00081	- 1.23	33.167	26.70		1442.4							
	085	00087	- 1.42	33.171	26.71		1441.6							
	STO	00100	- 1.28	33.27	26.78		1442.6							
	085	00101	- 1.27	33.277	26.79		1442.7							
	STO	00125	- 1.31	33.29	26.80		1442.9							
	085	00126	- 1.31	33.291	26.80		1442.9							
	085	00134	- 1.32	33.313	26.82		1443.0							
	085	00139	- 0.77	33.396	26.87		1445.8							
	STO	00150	- 0.77	33.40	26.87		1446.8							
	085	00151	- 0.77	33.396	26.87		1446.0							

REFID 31 8296	YEAR 1972	BOTOP 00311	AIR TEMP 02.8	OIR HGT PER	WIND-OIR 22	INST STD RECORDER	TEN SQ 1306
CONSEC 0005	MONTH 04	SHIP EV	WET BULB 02.2	21 3 2	WIND-SPO 23	TRACE OIR 0	5 SQUARE 4
LAT 47 05 N	DAY 08	DATA USE 1	BAROMETR 1009.5	SEA	WIND-FJR	DURATION 00.1	2 SQUARE 66
LONG 047 24 W	HOOR 07.7	AREA 05	CLOUD T/4	CL/TR	WEATHER X4	ORIG IIP 110	1 SQUARE 77

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	PH
07.7	STO	00000	- 1.23	32.90	26.49	00.000	1440.7							
	085	00003	- 1.23	32.905	26.49		1440.7							
	STO	00010	- 1.24	32.91	26.49	00.016	1440.8							
	STO	00020	- 1.24	32.91	26.49	00.031	1440.9							
	085	00025	- 1.25	32.918	26.50		1441.0							
	STO	00030	- 1.26	32.97	26.54	00.046	1441.1							
	STO	00050	- 1.28	33.16	26.69	00.075	1441.6							
	085	00050	- 1.28	33.164	26.70		1441.6							
	085	00073	- 1.22	33.288	26.79		1442.5							
	STO	00075	- 1.22	33.29	26.80	00.107	1442.5							
	STO	00100	- 1.18	33.40	26.88	00.138	1443.2							
	085	00100	- 1.18	33.399	26.88		1443.2							
	085	00103	- 1.14	33.412	26.89		1443.5							
	085	00109	- 1.35	33.487	26.96		1442.7							
	085	00115	- 0.76	33.439	26.90		1445.5							
	085	00121	- 0.63	33.462	26.91		1446.3							
	STO	00125	- 0.69	33.53	26.97	00.166	1446.1							
	085	00125	- 0.69	33.530	26.97		1446.1							
	085	00130	- 0.56	33.532	26.97		1446.8							
	085	00142	- 0.25	33.556	26.97		1448.5							
	STO	00150	- 1.01	33.51	26.97	00.193	1445.0							
	085	00150	- 1.03	33.509	26.97		1444.9							
	085	00153	- 1.08	33.610	27.05		1444.9							
	085	00161	- 0.62	33.666	27.08		1447.3							
	085	00165	- 0.37	33.785	27.16		1448.6							
	085	00168	00.06	33.774	27.14		1450.6							
	085	00183	00.48	33.921	27.23		1453.1							
	085	00191	00.65	33.909	27.21		1453.9							
	STO	00200	00.82	33.96	27.24	00.241	1454.9							
	085	00201	00.85	33.969	27.25		1455.0							
	085	00219	01.36	34.165	27.37		1457.9							
	085	00225	01.79	34.322	27.47		1460.1							
	085	00249	02.18	34.369	27.47		1462.3							
	STO	00250	02.18	34.37	27.47	00.278	1462.3							
	085	00273	02.52	34.470	27.53		1464.3							
	085	00284	03.05	34.586	27.57		1466.9							
	STO	00300	03.16	34.59	27.57	00.308	1467.7							
	085	00302	03.18	34.596	27.57		1467.8							
	085	00305	03.21	34.608	27.57		1468.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—(continued)

PEFIO 31 8296	YEAR 1972	BOATOP 00690	AIR TEMP 00.5	OIR HGT PER	WIND-OIR 23	INST STO RECORDER	TEMP SQ 1306
CONSEC 0006	MONTH 04	SHIP EV	WET RULB 00.0	21 3 2	WIND-SPD 23	TRACE OIR 0	5 SQUARE 4
LAT 47 12 N	DAY 04	DATA USE 1	BAROMETR 1007.1	SEA	WIND-FJR	DURATION 00.2	2 SQUARE 56
LONG 047 09 W	HOUP 11.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG IIP 110	1 SQUARE 77

CASIDUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPH	SND VEL	JXYG	P14	TOT P	NO2	NO3	S133	P4
11.3	STO	00000	- 1.11	32.93	26.50	00.000	1441.3							
	DBS	00000	- 1.11	32.929	26.50		1441.3							
	STO	00010	- 1.13	32.95	25.52	00.015	1441.4							
	STO	00020	- 1.16	32.97	26.53	00.031	1441.4							
	DBS	00025	- 1.18	32.975	26.54		1441.4							
	STO	00030	- 1.21	33.03	26.59	00.045	1441.4							
	STO	00050	- 1.32	33.22	26.74	00.073	1441.5							
	DBS	00050	- 1.32	33.224	26.75		1441.5							
	STO	00075	- 1.44	33.33	26.83	00.105	1441.5							
	DBS	00075	- 1.45	33.333	26.84		1441.5							
	STO	00100	- 1.55	33.45	26.93	00.134	1441.6							
	DBS	00100	- 1.55	33.449	26.93		1441.6							
	DBS	00103	- 1.57	33.452	26.94		1441.5							
	DBS	00106	- 1.55	33.488	26.97		1441.7							
	DBS	00109	- 1.41	33.602	27.05		1442.6							
	DBS	00112	- 1.16	33.618	27.06		1443.8							
	DBS	00115	- 1.00	33.569	27.01		1444.6							
	DBS	00124	- 0.88	33.587	27.03		1445.3							
	STO	00125	- 0.85	33.59	27.03	00.161	1445.5							
	DBS	00132	- 0.57	33.671	27.08		1447.0							
	DBS	00139	- 0.94	33.662	27.09		1445.4							
	DBS	00144	- 0.76	33.721	27.13		1446.4							
	STO	00150	- 0.56	33.81	27.20	00.185	1447.5							
	DBS	00151	- 0.50	33.829	27.21		1447.9							
	DBS	00157	00.08	33.909	27.24		1450.7							
	DBS	00160	00.27	33.944	27.26		1451.7							
	DBS	00175	00.58	33.992	27.28		1453.4							
	DBS	00178	00.77	34.016	27.29		1454.4							
	DBS	00188	01.01	34.081	27.33		1455.7							
	DBS	00199	01.37	34.131	27.34		1457.6							
	STO	00200	01.38	34.13	27.35	00.225	1457.6							
	DBS	00225	01.66	34.230	27.40		1459.4							
	DBS	00229	01.77	34.316	27.46		1460.1							
	DBS	00233	02.04	34.333	27.46		1461.4							
	DBS	00249	02.14	34.330	27.45		1462.1							
	STO	00250	02.13	34.34	27.45	00.260	1462.0							
	DBS	00252	02.12	34.368	27.48		1462.1							
	DBS	00259	02.39	34.418	27.50		1463.4							
	DBS	00274	02.62	34.473	27.52		1464.8							
	STO	00300	02.92	34.53	27.54	00.291	1466.6							
	DBS	00300	02.92	34.535	27.54		1466.6							
	DBS	00325	03.04	34.563	27.55		1467.5							
	DBS	00337	02.87	34.528	27.54		1467.0							
	DBS	00349	02.90	34.574	27.58		1467.4							
	DBS	00385	03.13	34.597	27.57		1469.0							
	STO	00400	03.27	34.62	27.58	00.347	1469.8							
	DBS	00400	03.27	34.625	27.58		1469.8							
	DBS	00425	03.40	34.648	27.59		1470.9							
	DBS	00452	03.57	34.696	27.61		1472.1							
	DBS	00469	03.88	34.793	27.66		1473.8							
	DBS	00475	03.90	34.782	27.64		1474.0							
	STO	00500	04.01	34.82	27.67	00.398	1474.9							
	DBS	00501	04.01	34.823	27.67		1474.9							
	DBS	00524	04.07	34.843	27.68		1475.6							
	DBS	00554	04.10	34.851	27.68		1476.2							
	DBS	00579	04.10	34.855	27.68		1476.6							
	STO	00600	04.08	34.86	27.69	00.446	1476.9							
	DBS	00603	04.08	34.858	27.69		1477.0							
	DBS	00607	04.08	34.861	27.69		1477.0							

TABLE XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BD TOP 01168	AIR TEMP 03.9	DIR HGT PER	WIND-DIR 23	INST STO RECORDER	TEN SQ 1306
CONSEC 0007	MONTH 04	SHIP EV	WET BULB 03.9	18 3 3	WIND-SPD 33	TRACE DIR 0	5 SQUARE 4
LAT 47 02 N	DAY 08	DATA USE 1	BAROMETER 1007.1	SEA	WIND-FOR	DURATION	2 SQUARE 66
LONG 046 56 W	HOOR 14.6	ARFA 35	CLOUD T/A	CL/T8	WEATHER X4	ORIG IIP 110	1 SQUARE 76

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	TXFG	P74	TOT P	V32	N03	S133	P4
14.6	STD	00000	- 1.19	33.32	26.82	00.000	1441.4							
	DBS	00001	- 1.19	33.316	26.82		1441.4							
	DBS	00004	- 1.19	33.314	26.81		1441.5							
	STD	00010	- 1.19	33.32	26.82	00.012	1441.6							
	STD	00020	- 1.19	33.33	26.83	00.025	1441.8							
	DBS	00026	- 1.19	33.334	26.83		1441.9							
	STD	00030	- 1.23	33.37	26.86	00.037	1441.3							
	DBS	00049	- 1.51	33.522	26.99		1441.0							
	STD	00050	- 1.54	33.53	27.00	00.059	1440.9							
	DBS	00056	- 1.66	33.574	27.04		1440.5							
	DBS	00064	- 1.67	33.604	27.06		1440.6							
	DBS	00070	- 1.16	33.655	27.09		1443.2							
	DBS	00074	- 1.02	33.676	27.10		1444.0							
	STD	00075	- 1.02	33.68	27.10	00.085	1444.0							
	DBS	00094	- 0.86	33.806	27.20		1445.2							
	STD	00100	- 0.62	33.92	27.28	00.107	1446.6							
	DBS	00101	- 0.50	33.930	27.29		1447.2							
	DBS	00105	- 0.25	33.923	27.27		1448.4							
	STD	00125	- 0.14	33.94	27.28	00.127	1449.3							
	STD	00150	00.01	34.06	27.37	00.146	1450.5							
	DBS	00153	00.03	34.090	27.39		1450.7							
	DBS	00164	00.64	34.182	27.43		1453.8							
	DBS	00169	00.82	34.205	27.44		1454.7							
	DBS	00174	00.89	34.206	27.44		1455.1							
	DBS	00178	00.94	34.241	27.46		1455.6							
	DBS	00186	01.51	34.357	27.52		1458.3							
	DBS	00190	02.17	34.442	27.53		1461.4							
	DBS	00194	02.46	34.497	27.55		1462.8							
	STD	00200	02.48	34.50	27.55	00.177	1463.0							
	DBS	00225	02.69	34.520	27.55		1464.3							
	STD	00250	03.00	34.61	27.59	00.204	1466.2							
	DBS	00251	03.06	34.619	27.60		1466.5							
	DBS	00257	03.44	34.683	27.61		1468.3							
	DBS	00273	03.58	34.745	27.65		1469.2							
	STD	00300	03.74	34.77	27.65	00.229	1470.4							
	DBS	00306	03.78	34.781	27.66		1470.7							
	DBS	00325	03.91	34.828	27.68		1471.6							
	DBS	00352	03.96	34.843	27.69		1472.3							
	DBS	00376	04.04	34.865	27.70		1473.0							
	STD	00400	04.07	34.88	27.70	00.275	1473.6							
	DBS	00401	04.07	34.879	27.70		1473.6							
	DBS	00424	04.08	34.889	27.71		1473.6							
	DBS	00455	04.08	34.896	27.72		1474.0							
	DBS	00473	04.07	34.900	27.72		1474.6							
	STD	00500	04.07	34.90	27.72	00.318	1475.3							
	DBS	00502	04.07	34.904	27.72		1475.3							
	DBS	00531	04.07	34.908	27.73		1475.8							
	DBS	00549	04.06	34.910	27.73		1476.1							
	DBS	00578	04.05	34.912	27.73		1476.5							
	STD	00600	04.05	34.91	27.73	00.362	1476.9							
	DBS	00602	04.05	34.915	27.73		1476.9							
	DBS	00624	04.05	34.917	27.74		1477.3							
	DBS	00653	04.04	34.919	27.74		1477.7							
	DBS	00674	04.03	34.919	27.74		1478.0							
	STD	00700	04.03	34.92	27.74	00.405	1478.4							
	DBS	00700	04.03	34.924	27.74		1478.4							
	DBS	00724	04.02	34.926	27.75		1478.8							
	DBS	00750	04.04	34.935	27.75		1479.3							
	DBS	00776	04.04	34.938	27.75		1479.8							
	STD	00800	04.03	34.94	27.76	00.447	1480.1							
	DBS	00800	04.03	34.941	27.76		1480.1							
	STD	00900	04.00	34.95	27.77	00.490	1481.7							
	DBS	00900	04.00	34.955	27.77		1481.7							
	STD	01000	03.95	34.96	27.79	00.532	1483.2							
	DBS	01000	03.95	34.965	27.79		1483.2							
	DBS	01016	03.94	34.964	27.79		1483.4							
	DBS	01016	03.94	34.964	27.79		1483.4							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID	31	8296	YFA ²	1972	00750	AIR TEMP	05.6	OIR	HGT	PER	WIND-OIR	25	INST	STO	RECORDER	TEN	S2	1306
CONSEC	J008		MDUNT	04	SHIP EV	WET BULB	05.3	24	5	2	WIND-SPO	30	TRACE	OIR		5	SQUARE	4
LAT	47	05.0N	DAY	08	DATA USE	BAROMETER	1005.1	SEA			WIND-FJR		DURATION		00.2	2	SQUARE	66
LONG	046	39.5W	HOUR	17.6	AREA	CLOUD T/A		CL/TR			WEATHER	X4	ORIG	IIP	110	1	SQUARE	76
CASNUM/TIME	LVL	TP	DEPTH	TEMP	SAL	SIGNA-T	SYNOPTH	SND	VEL	DOYG	P34	TOT	P	NO2	NO3	S133	P4	
17.6	STD		00000	02.95	33.96	27.08	00.000	1461.0										
	08S		00003	02.95	33.963	27.08		1461.0										
	STD		00010	02.95	33.96	27.09	00.010	1461.2										
	STD		00020	02.95	33.97	27.09	00.020	1461.3										
	08S		00024	02.95	33.967	27.09		1461.4										
17.6	STD		00030	02.94	33.97	27.09	00.030	1461.5										
	08S		00049	02.86	33.976	27.10		1461.4										
	STD		00050	02.86	33.98	27.10	00.049	1461.4										
	08S		00054	02.82	33.952	27.09		1461.3										
	08S		00057	02.66	33.915	27.07		1460.6										
17.6	08S		00060	02.58	33.961	27.12		1460.4										
	08S		00074	02.69	33.995	27.13		1461.1										
	STD		00075	02.69	34.00	27.13	00.073	1461.1										
	STD		00100	02.67	34.00	27.14	00.097	1461.5										
	08S		00108	02.67	33.999	27.14		1461.6										
17.6	08S		00124	02.77	34.044	27.17		1462.4										
	STD		00125	02.77	34.04	27.16	00.120	1462.4										
	08S		00127	02.76	34.022	27.15		1462.3										
	08S		00133	02.49	34.090	27.23		1461.4										
	08S		00135	02.56	34.104	27.23		1461.7										
17.6	08S		00143	01.89	34.083	27.27		1458.9										
	08S		00148	01.60	34.103	27.31		1457.7										
	STD		00150	02.07	34.20	27.35	00.141	1459.9										
	08S		00157	03.71	34.492	27.43		1467.5										
	08S		00163	04.14	34.517	27.41		1469.5										
17.6	08S		00169	04.16	34.518	27.41		1469.7										
	08S		00174	04.40	34.559	27.41		1470.8										
	08S		00199	04.68	34.666	27.47		1472.5										
	STD		00200	04.67	34.67	27.47	00.176	1472.5										
	08S		00223	04.63	34.751	27.54		1472.8										
17.6	STD		00250	04.92	34.86	27.59	00.205	1474.6										
	08S		00253	04.92	34.862	27.60		1474.7										
	08S		00277	04.72	34.836	27.60		1474.2										
	08S		00287	04.47	34.838	27.63		1473.3										
	08S		00298	04.64	34.872	27.64		1474.3										
17.6	STD		00300	04.66	34.88	27.64	00.231	1474.4										
	08S		00327	04.81	34.912	27.65		1475.5										
	08S		00332	04.80	34.915	27.65		1475.6										
	08S		00348	04.73	34.908	27.65		1475.5										
	08S		00354	04.67	34.862	27.63		1475.3										
17.6	08S		00358	04.63	34.900	27.66		1475.3										
	08S		00373	04.49	34.886	27.66		1474.9										
	08S		00398	04.38	34.893	27.68		1474.9										
	STD		00400	04.39	34.89	27.68	00.279	1474.9										
	08S		00427	04.44	34.919	27.70		1475.6										
17.6	08S		00452	04.36	34.902	27.69		1475.7										
	08S		00461	04.31	34.911	27.70		1475.6										
	08S		00475	04.31	34.914	27.71		1475.9										
	08S		00499	04.24	34.914	27.71		1476.0										
	STD		00500	04.24	34.91	27.71	00.324	1476.0										
17.6	08S		00525	04.22	34.916	27.72		1476.3										
	08S		00576	04.19	34.922	27.73		1477.1										
	08S		00599	04.15	34.923	27.73		1477.3										
	STD		00600	04.15	34.92	27.73	00.368	1477.3										
	08S		00626	04.18	34.930	27.73		1477.9										
17.6	08S		00656	04.17	34.927	27.73		1478.3										
	08S		00679	04.13	34.928	27.74		1478.5										
	08S		00698	04.11	34.928	27.74		1478.8										
	STD		00700	04.11	34.93	27.74	00.411	1478.8										
	08S		00706	04.11	34.927	27.74		1478.9										

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 9296	YEAR 1972	BDTOP 00329	AIR TEMP 05.0	DIR HGT PER	WIND-OIR 23	INST STD RECORDER	TEN SQ 1306
CONSEC 0009	MONTH 04	SHIP EV	WFT BULB 03.9	21 2 3	WIND-SPD 23	TRACE OIR 3	5 SQUARE 4
LAT 47 06 N	DAY 08	DATA USE 1	BAROMETER 1007.1	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 66
LONG 046 24 W	HOUR 20.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG IIP 110	1 SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	XYG	P34	TOT P	N02	N03	S133	P4
20.2	STO	00000	01.82	33.84	27.08	00.000	1455.9							
	085	00008	01.82	33.845	27.08		1456.0							
	STO	00010	01.82	33.84	27.08	00.010	1456.1							
	085	00010	01.82	33.845	27.08		1456.1							
	085	00019	01.82	33.844	27.08		1456.2							
	STO	00020	01.82	33.84	27.08	00.020	1456.2							
	STO	00030	01.79	33.85	27.09	00.030	1456.3							
	085	00030	01.79	33.854	27.09		1456.3							
	STO	00050	01.80	33.86	27.09	00.049	1456.6							
	085	00050	01.80	33.857	27.09		1456.6							
	085	00059	01.91	33.854	27.08		1457.3							
	085	00070	01.95	33.914	27.13		1457.7							
	STO	00075	02.26	33.94	27.13	00.073	1459.2							
	085	00075	02.26	33.941	27.13		1459.2							
	085	00079	02.47	33.991	27.15		1460.3							
	085	00090	02.80	34.006	27.13		1461.9							
	STO	00100	02.90	34.00	27.12	00.097	1462.5							
	085	00100	02.90	34.004	27.12		1462.5							
	085	00110	03.01	34.032	27.13		1463.1							
	STO	00125	03.23	34.09	27.16	00.121	1464.4							
	085	00125	03.24	34.092	27.16		1464.5							
	085	00131	03.08	34.051	27.14		1463.8							
	085	00136	01.67	34.026	27.24		1457.7							
	085	00140	01.64	34.042	27.25		1457.7							
	085	00145	01.75	34.170	27.35		1458.4							
	STO	00150	02.14	34.25	27.38	00.141	1460.3							
	085	00150	02.20	34.258	27.38		1460.6							
	085	00160	03.07	34.26 P	27.310*									
	085	00175	03.22	34.26 P	27.30Q									
	STO	00200	03.64	34.37	27.35	00.173	1467.8							
	085	00200	03.65	34.378	27.35		1467.8							
	085	00224	04.00	34.488	27.40		1469.9							
	085	00248	04.42	34.596	27.44		1472.2							
	STO	00250	04.46	34.61	27.45	00.213	1472.4							
	085	00274	04.79	34.756	27.53		1474.3							
	STO	00300	04.67	34.81	27.58	00.244	1474.3							
	085	00300	04.67	34.808	27.58		1474.3							
	085	00311	04.64	34.826	27.60		1474.4							

REFID 31 8296	YEAR 1972	BDTOP 00311	AIR TEMP 02.2	DIR HGT PER	WIND-OIR 33	INST STD RECORDER	TEN SQ 1306
CONSEC 0010	MONTH 04	SHIP EV	WFT BULB 01.7	21 2 3	WIND-SPD 13	TRACE OIR 0	5 SQUARE 4
LAT 47 05 N	DAY 08	DATA USE 1	BAROMETER 1010.5	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 66
LONG 046 04 W	HOUR 22.6	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG IIP 110	1 SQUARE 76

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	XYG	P34	TOT P	N02	N03	S133	P4
22.6	085	00009	00.54	33.535	26.92		1449.9							
	STO	00010	00.54	33.54	26.92		1449.9							
	085	00012	00.55	33.540	26.92		1450.0							
	STO	00020	00.52	33.55	26.93		1450.0							
	STO	00030	00.49	33.57	26.95		1450.0							
	085	00039	00.45	33.594	26.97		1450.1							
	085	00042	00.20	33.88 P	27.21Q									
	085	00045	00.93	33.96 P	27.24Q									
	085	00048	01.41	33.889	27.15 *		1454.9							
	STO	00050	01.46	33.86	27.12 *		1455.1							
	085	00051	01.50	33.836	27.10		1455.3							
	STO	00075	01.55	33.81	27.08		1455.9							
	085	00080	01.57	33.809	27.07		1456.1							
	STO	00100	01.66	33.88	27.11		1456.8							
	085	00105	01.71	33.875	27.12		1457.2							
	085	00124	01.96	33.901	27.12		1458.6							
	STO	00125	01.93	33.88	27.10		1458.5							
	085	00128	01.73	33.836	27.08		1457.8							
	085	00131	01.43	33.862	27.12		1456.3							
	085	00137	01.01	33.830	27.13		1454.5							
	085	00142	00.74	33.921	27.22		1453.5							
	STO	00150	02.53	34.18	27.29		1461.9							
	085	00154	03.19	34.278	27.31		1465.0							
	085	00171	03.26	34.351	27.37		1465.7							
	085	00176	03.49	34.469	27.44		1466.9							
	085	00182	03.75	34.482	27.42		1468.1							
	085	00197	03.81	34.531	27.45		1468.7							
	STO	00200	03.91	34.55	27.46		1469.1							
	085	00200	03.91	34.552	27.46		1469.2							
	085	00206	04.17	34.577	27.45		1470.4							
	085	00208	04.19	34.647	27.51		1470.6							
	085	00214	04.78	34.711	27.49		1473.3							
	085	00220	04.69	34.681	27.48		1472.9							
	085	00225	04.74	34.734	27.52		1473.3							
	085	00231	04.90	34.772	27.53		1474.1							
	STO	00250	04.81	34.80	27.56		1474.1							
	085	00251	04.80	34.798	27.56		1474.1							
	085	00277	04.62	34.820	27.60		1473.8							
	085	00286	04.61	34.813	27.59		1473.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—(Continued)

REFID 31 8296	YEAR 1972	STATION 00272	AIR TEMP 01.7	DIR HGT PER	WIND-DIR 03	INST STD RECORDER	TEN SQ 1306
CONSEC 0011	MONTH 04	SHIP EV	WET BULB 01.1	21 2 2	WIND-SPO 12	TRACE DIR 0	5 SQUARE 4
LAT 47 02 N	DAY 07	DATA USE 1	BAROMETER 1010.8	SEA	WIND-FSR	DURATION 00.1	2 SQUARE 64
LONG 045 50 W	HOUR 07.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X5	GRIG TIP 110	1 SQUARE 75

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	JXYG	PJ4	TOT P	NO2	NO3	SIG3	PH
00.0	STO	00000	02.97	33.93	27.06	00.000	1461.0							
	DBS	00003	02.97	33.929	27.06		1461.1							
	STO	00010	02.98	33.96	27.08	00.010	1461.3							
	STO	00020	03.02	33.99	27.10	00.020	1461.7							
	DBS	00021	03.03	33.991	27.10		1461.7							
	STO	00030	03.11	34.00	27.10	00.030	1462.2							
	DBS	00033	03.14	34.009	27.10		1462.4							
	STO	00050	03.23	34.02	27.11	00.049	1463.1							
	DBS	00050	03.23	34.024	27.11		1463.1							
	STO	00075	02.70	34.00	27.14	00.073	1461.2							
	DBS	00077	02.66	33.996	27.14		1461.1							
	DBS	00096	02.52	34.018	27.17		1460.8							
	STO	00100	02.53	34.04	27.18	00.096	1460.9							
	DBS	00103	02.54	34.048	27.19		1461.0							
	DBS	00118	02.84	34.344	27.40		1463.0							
	DBS	00122	03.51	34.405	27.38		1466.0							
	STO	00125	03.76	34.45	27.39	00.115	1467.2							
	DBS	00126	03.89	34.471	27.40		1467.8							
	DBS	00136	04.36	34.509	27.38		1470.0							
	STO	00150	04.63	34.57	27.40	00.134	1471.4							
	DBS	00152	04.65	34.579	27.40		1471.5							
	DBS	00175	04.30	34.644	27.49		1470.5							
	STO	00200	04.58	34.75	27.54	00.166	1472.2							
	DBS	00203	04.59	34.749	27.54		1472.3							
	DBS	00227	04.75	34.804	27.57		1473.5							
	STO	00250	04.55	34.82	27.61	00.193	1473.0							
	DBS	00253	04.54	34.824	27.61		1473.0							
	DBS	00256	04.53	34.825	27.61		1473.1							

REFID 31 8296	YEAR 1972	STATION 00291	AIR TEMP 01.1	DIR HGT PER	WIND-DIR 03	INST STD RECORDER	TEN SQ 1306
CONSEC 0012	MONTH 04	SHIP EV	WET BULB 00.6	04 1 2	WIND-SPO 13	TRACE DIR 0	5 SQUARE 4
LAT 47 21 N	DAY 09	DATA USE 1	BAROMETER 1010.5	SEA	WIND-FSR	DURATION 00.1	2 SQUARE 64
LONG 045 46 W	HOUR 07.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X5	GRIG TIP 110	1 SQUARE 75

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SNO VEL	JXYG	PJ4	TOT P	NO2	NO3	SIG3	PH
02.5	STO	00000	- 0.60	33.52	26.96	00.000	1444.5							
	DBS	00004	- 0.60	33.525	26.96		1444.6							
	DBS	00009	- 0.62	33.548	26.98		1444.6							
	STO	00010	- 0.62	33.55	26.98	00.011	1444.6							
	STO	00020	- 0.57	33.56	26.99	00.022	1445.0							
	DBS	00023	- 0.56	33.560	26.99		1445.1							
	STO	00030	- 0.45	33.61	27.03	00.032	1445.8							
	DBS	00031	- 0.42	33.615	27.03		1445.9							
	DBS	00043	00.10	33.689	27.07		1448.6							
	DBS	00049	00.31	33.744	27.10		1449.8							
	STO	00050	00.31	33.74	27.10	00.052	1449.8							
	DBS	00055	00.65	33.769	27.10		1451.5							
	DBS	00059	00.98	33.859	27.15		1453.1							
	STO	00075	01.58	33.93	27.17	00.076	1456.2							
	DBS	00078	01.59	33.930	27.17		1456.3							
	DBS	00091	01.23	33.887	27.16		1454.8							
	DBS	00096	01.20	33.881	27.16		1454.8							
	STO	00103	00.77	33.77	27.10	00.100	1452.8							
	DBS	00100	00.73	33.768	27.09		1452.6							
	DBS	00107	00.20	33.884	27.22		1450.4							
	STO	00125	00.45	34.05	27.34	00.121	1452.1							
	DBS	00127	00.52	34.072	27.35		1452.5							
	DBS	00140	01.02	34.183	27.41		1455.1							
	DBS	00145	01.27	34.232	27.43		1456.4							
	STO	00150	01.67	34.27	27.43	00.139	1458.3							
	DBS	00150	01.67	34.271	27.43		1458.1							
	DBS	00153	02.03	34.351	27.47		1460.0							
	DBS	00165	04.42	34.639	27.48		1470.8							
	DBS	00175	04.36	34.604	27.45		1470.7							
	STO	00200	04.85	34.74	27.51	00.170	1473.3							
	DBS	00204	04.88	34.754	27.52		1473.6							
	DBS	00229	04.74	34.755	27.53		1473.4							
	STO	00250	04.74	34.81	27.58	00.199	1473.8							
	DBS	00251	04.74	34.815	27.58		1473.8							
	DBS	00262	04.72	34.821	27.59		1473.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31	R296	YFAR 1972	RODTP 00677	AIR TEMP 03.0	DIR HGT PER	WIND-DIR 12	INST STD RECORDER	TEMP SQ 1306
CONSEC 0013	MOVT 04	SHIP EV	WET BULB 03.0	37 2 2	WIND-SPD 17	TRACE DIR	5 SQUARE 4	
LAT 47 49 N	DAY 02	DATA USE 1	BAROMETR 1009.9	SEA	WIND-FTR	DURATION 07.4	2 SQUARE 64	
LONG 045 50 W	HOJR 06.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X5	GRIG TIP 110	1 SQUARE 75	

CASINUM/TIME	LVL/TP	DEPTH	TEMP	SAL	SIGMA-T	OYNJPTH	SNO VEL	XYG	P34	TOT P	N02	N03	S133	P4
06.4	STD	00000	- 0.16											
	OBS	00004	- 0.16											
	STD	00010	- 0.12											
	STD	00020	- 0.07											
	OBS	00021	- 0.07											
	STD	00030	- 0.06											
	OBS	00030	- 0.06											
	OBS	00037	00.01											
	OBS	00045	01.08											
	OBS	00049	01.46											
	STD	00050	01.49											
	OBS	00053	01.70											
	STD	00075	02.16											
	OBS	00075	02.18											
	OBS	00085	02.38											
	OBS	00092	02.20											
	OBS	00096	01.55											
	STD	00100	01.17											
	OBS	00100	01.11											
	OBS	00105	00.68											
	OBS	00109	00.10											
	OBS	00113	00.09											
	OBS	00117	00.17											
	OBS	00122	00.45											
	STD	00125	00.53											
	OBS	00126	00.55											
	OBS	00130	00.55											
	OBS	00134	00.92											
	OBS	00138	01.19											
	STD	00150	01.43											
	OBS	00150	01.44											
	OBS	00153	01.57											
	OBS	00157	01.92											
	OBS	00160	02.19											
	OBS	00168	02.23											
	OBS	00171	02.59											
	OBS	00174	02.76											
	OBS	00177	02.78											
	OBS	00181	02.88											
	OBS	00185	03.29											
	OBS	00189	03.43											
	OBS	00193	04.07											
	OBS	00196	04.61											
	STD	00200	04.67											
	OBS	00201	04.67											
	OBS	00209	04.53											
	OBS	00212	04.63											
	OBS	00216	04.87											
	OBS	00225	04.94											
	OBS	00233	04.70											
	OBS	00237	04.67											
	OBS	00241	04.79											
	OBS	00244	04.83											
	OBS	00249	04.17											
	STD	00250	04.17											
	OBS	00253	04.17											
	OBS	00257	03.97											
	OBS	00261	03.92											
	OBS	00267	04.13											
	OBS	00278	03.93											
	OBS	00293	04.10											
	OBS	00298	04.10											
	STD	00300	04.02											
	OBS	00301	03.97											
	OBS	00340	03.94											
	STD	00400	04.08											
	OBS	00417	04.10											
	OBS	00428	04.11											
	OBS	00454	04.12											
	OBS	00478	04.10											
	STD	00500	04.08											
	OBS	00501	04.08											
	OBS	00528	04.11											
	OBS	00550	04.12											
	OBS	00579	04.14											
	STD	00600	04.14											
	OBS	00602	04.14											
	OBS	00630	04.09											
	OBS	00649	04.14											

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID	31	9296	YEAR	1972	8 TOP	01137	AIR TEMP	01.1	OIR	HGT	PER	WIND-DIR	12	INST	STO	RECORDER	TEN	SO	1306	
CONSEC	0014		MONTH	04	SHIP	EV	WET	SULB	00.6			WIND-SPO	13	TRACE	OIR	0	5	SQUARE	4	
LAT	48	12	DAY	09	DATA	USE	BAROMETER	1009.5	SEA			WIND-FTR		DURATION		03.4	2	SQUARE	84	
LONG	045	55	W	HOUR	10.3	AREA	05	CLOUD	T/A	CL/TR		WEATHER	X2	ORIG	11P	110	1	SOJARE	85	
CAS	NUM	TIME	LVL	TP	DEPTH	TEMP	SAL	SIGMA-T	DYN	DEPTH	SNO	VEL	DIR	P13	TOT	P	N02	N03	S133	P4
			STO		00000	- 1.11	33.46	26.93	00.000		1442.0									
	10.3		OBS		00000	- 1.11	33.462	26.93			1442.0									
			OBS		00004	- 1.09	33.480	26.95			1442.2									
			STO		00010	- 1.09	33.49	26.95	00.011		1442.3									
			OBS		00018	- 1.08	33.502	26.96			1442.5									
			STO		00020	- 1.01	33.53	26.98	00.022		1442.9									
			OBS		00024	- 0.88	33.585	27.02			1443.7									
			STO		00030	- 0.92	33.59	27.03	00.033		1443.6									
			OBS		00043	- 1.02	33.629	27.06			1443.4									
			OBS		00049	- 0.87	33.661	27.08			1444.2									
			STO		00050	- 0.87	33.67	27.09	00.053		1444.2									
			OBS		00060	- 0.89	33.751	27.16			1444.4									
			OBS		00062	- 0.79	33.836	27.22			1445.1									
			OBS		00073	- 0.04	34.054	27.37			1448.8									
			STO		00075	00.09	34.07	27.37	00.074		1449.6									
			OBS		00076	00.31	34.096	27.38			1450.7									
			OBS		00083	00.93	34.209	27.44			1453.8									
			STO		00100	01.30	34.24	27.44	00.091		1455.8									
			OBS		00100	01.31	34.241	27.44			1455.8									
			OBS		00114	01.59	34.317	27.48			1457.4									
			STO		00125	01.85	34.38	27.51	00.107		1458.8									
			OBS		00125	01.88	34.386	27.51			1459.0									
			OBS		00136	02.35	34.544	27.60			1461.4									
			OBS		00139	02.63	34.572	27.60			1462.7									
			OBS		00148	03.01	34.560	27.56 *			1464.5									
			STO		00150	03.02	34.56	27.56	00.121		1464.6									
			OBS		00174	03.25	34.613	27.57			1466.0									
			OBS		00199	03.38	34.649	27.59			1467.0									
			STO		00200	03.37	34.65	27.59	00.148		1467.0									
			OBS		00224	03.25	34.648	27.60			1466.9									
			STO		00250	03.35	34.69	27.63	00.173		1467.8									
			OBS		00251	03.35	34.694	27.63			1467.8									
			OBS		00276	03.47	34.738	27.65			1468.8									
			OBS		00299	03.78	34.793	27.67			1470.6									
			STO		00300	03.78	34.79	27.67	00.197		1470.6									
			OBS		00325	03.93	34.858	27.70			1471.7									
			OBS		00349	04.06	34.847	27.68			1472.7									
			OBS		00374	04.10	34.869	27.69			1473.3									
			STO		00400	04.14	34.87	27.69	00.243		1473.9									
			OBS		00401	04.14	34.875	27.69			1473.9									
			OBS		00431	04.14	34.882	27.70			1474.4									
			OBS		00453	04.13	34.884	27.70			1474.7									
			OBS		00476	04.11	34.887	27.71			1475.0									
			OBS		00499	04.11	34.890	27.71			1475.4									
			STO		00500	04.11	34.89	27.71	00.288		1475.4									
			OBS		00527	04.10	34.892	27.71			1475.8									
			OBS		00549	04.09	34.895	27.71			1476.2									
			OBS		00577	04.08	34.897	27.72			1476.6									
			STO		00600	04.08	34.90	27.72	00.332		1477.0									
			OBS		00602	04.08	34.899	27.72			1477.0									
			OBS		00625	04.08	34.902	27.72			1477.4									
			OBS		00650	04.07	34.901	27.72			1477.8									
			OBS		00676	04.07	34.906	27.73			1478.2									
			STO		00700	04.06	34.91	27.73	00.377		1478.6									
			OBS		00703	04.06	34.909	27.73			1478.6									
			OBS		00724	04.06	34.911	27.73			1479.0									
			OBS		00752	04.05	34.913	27.73			1479.4									
			OBS		00784	04.04	34.917	27.74			1479.9									
			STO		00800	04.05	34.92	27.74	00.421		1480.2									
			OBS		00803	04.05	34.921	27.74			1480.2									
			OBS		00826	04.04	34.922	27.74			1480.6									
			OBS		00849	04.04	34.924	27.74			1481.0									
			STO		00900	04.01	34.93	27.75	00.466		1481.7									
			OBS		00910	04.00	34.927	27.75			1481.8									
			OBS		00924	03.99	34.928	27.75			1482.0									
			OBS		00950	03.97	34.929	27.75			1482.4									
			OBS		00990	03.94	34.930	27.76			1482.9									
			STO		01000	03.92	34.93	27.76	00.510		1483.0									
			OBS		01085	03.85	34.931	27.77			1484.1									
			OBS		01091	03.85	34.932	27.77			1484.2									

TABLE XIII-- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.--Continued

REFID 31 8296	YEAR 1972	BOTOP 01360	AIR TEMP 01-1	OIR HGT PER	WIND-OIR 10	INST STD RECORDER	TEN SQ 1306
CONSEC 0015	MONTH 04	SHIP EV	WET BULB 00.0	20 2 2	WIND-SPD 13	TRACE OIR 7	5 SQUARE 4
LAT 48 32 N	DAY 09	DATA USE 1	BAROMETER 1009.1	SEA	WIND-FJR	DURATION 00.9	2 SQUARE 86
LONG 046 02 W	MOJR 13.0	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG TIP 110	1 SQUARE 86

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	XYG	PJ4	TNT P	NO2	NO3	SIG3	P4
13.0	STD	00000	00.17	33.83	27.17	00.000	1449.4							
	08S	00004	00.17	33.829	27.17		1448.5							
	STD	00010	00.13	33.94	27.18	00.009	1448.4							
	STD	00020	00.08	33.85	27.20	00.018	1448.4							
	08S	00023	00.06	33.859	27.20		1448.4							
	STD	00030	00.05	33.87	27.21	00.027	1448.5							
	08S	00043	00.03	33.897	27.24		1448.6							
	08S	00046	00.05	33.957	27.28		1448.8							
	08S	00048	00.17	33.982	27.30		1449.5							
	STD	00050	00.20	33.99	27.30	00.043	1449.6							
	08S	00067	00.58	34.150	27.41		1451.9							
	08S	00073	00.94	34.247	27.47		1453.7							
	STD	00075	00.98	34.26	27.47	00.061	1453.9							
	08S	00098	01.42	34.358	27.52		1456.4							
	STD	00100	01.43	34.36	27.53	00.076	1456.5							
	08S	00123	01.71	34.439	27.57		1458.3							
	STD	00125	01.73	34.44	27.57	00.089	1458.4							
	08S	00143	02.08	34.495	27.58		1461.3							
	08S	00149	02.24	34.576	27.63		1461.2							
	STD	00150	02.31	34.59	27.64	00.102	1461.5							
	08S	00151	02.48	34.612	27.64		1462.3							
	08S	00182	03.09	34.669	27.63		1465.6							
	08S	00198	03.14	34.674	27.63		1466.0							
	STD	00200	03.15	34.68	27.63	00.126	1466.1							
	08S	00225	03.33	34.705	27.64		1467.3							
	08S	00234	03.67	34.740	27.63		1469.0							
	08S	00239	03.48	34.719	27.64		1468.2							
	STD	00250	03.31	34.73	27.66	00.149	1467.7							
	08S	00250	03.31	34.728	27.66		1467.7							
	08S	00274	03.86	34.837	27.69		1470.6							
	08S	00299	04.15	34.872	27.69		1472.2							
	STD	00300	04.15	34.87	27.69	00.172	1472.3							
	08S	00327	04.15	34.880	27.70		1472.7							
	08S	00349	04.14	34.883	27.70		1473.0							
	08S	00316	04.14	34.889	27.70		1473.5							
	STD	00400	04.13	34.89	27.71	00.216	1473.9							
	08S	00400	04.13	34.892	27.71		1473.9							
	08S	00423	04.12	34.895	27.71		1474.2							
	08S	00450	04.12	34.898	27.71		1474.6							
	08S	00475	04.11	34.901	27.72		1475.0							
	STD	00500	04.11	34.90	27.72	00.260	1475.4							
	08S	00524	04.10	34.901	27.72		1475.8							
	STD	00600	04.08	34.90	27.72	00.303	1477.0							
	08S	00600	04.08	34.904	27.72		1477.0							
	STD	00612	04.11	34.917	27.73		1477.3							
	STD	00700	04.02	34.92	27.75	00.347	1478.4							
	08S	00700	04.02	34.924	27.75		1478.4							
	STD	00800	03.92	34.92	27.75	00.390	1479.6							
	08S	00800	03.92	34.920	27.75		1479.7							
	STD	00900	03.84	34.92	27.76	00.433	1481.0							
	08S	00900	03.84	34.924	27.76		1481.0							
	STD	01000	03.75	34.94	27.78	00.475	1482.3							
	08S	01000	03.75	34.937	27.78		1482.3							
	STD	01100	03.69	34.94	27.79	00.516	1483.7							
	08S	01100	03.69	34.939	27.79		1483.7							
	STD	01200	03.66	34.94	27.79	00.558	1485.3							
	08S	01201	03.66	34.937	27.79		1485.3							
	08S	01299	03.66	34.937	27.79		1486.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31	8296	YEAR	1972	ROTOP	01691	AIR TEMP	04.4	OIR HGT PER	WIND-DIR	21	INST STD RECORDER	TEN S2 1306	
CONSEC	0016		MOYR	04	SHIP EV		WET SULB	03.3	19 4 3	WIND-SPD	17	TRACE DIR	5 SQUARE 4	
LAT	45	50	N	04Y	DATA USE	1	BAROMETR	1007.8	SEA	WIND-FJR		DURATION	2 SQUARE 46	
LONG	046	00	W	HOUR	07.4	05	CLUD T/A		CL/T/P	WEATHER	X1	ORIG IIP 110	1 SQUARE 56	
CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	STD VEL	3XRG	PJ4	TOT P	NO2	NO3	ST33	24
07.4	STD	00000	07.04	34.34	26.92	00.000	1478.3							
	OBS	00002	07.04	34.343	26.92		1478.4							
	STD	00010	07.05	34.34	26.92	00.011	1478.5							
	STD	00020	07.06	34.38	26.94	00.023	1478.8							
	OBS	00021	07.06	34.386	26.95		1478.8							
	OBS	00026	07.30	34.426	26.95		1479.9							
	STD	00030	07.21	34.41	26.95	00.034	1479.6							
	OBS	00043	07.13	34.407	26.95		1479.4							
	OBS	00049	07.29	34.461	26.97		1480.3							
	STD	00050	07.26	34.45	26.97	00.055	1480.2							
	OBS	00069	07.09	34.387	26.94 *		1479.7							
	STD	00075	07.29	34.54	27.04	00.083	1480.8							
	OBS	00077	07.39	34.566	27.04		1481.3							
	OBS	00086	06.46	34.394	27.04		1477.6							
	OBS	00090	06.50	34.435	27.06		1477.8							
	OBS	00099	05.27	34.233	27.06		1472.7							
	STD	00100	05.29	34.24	27.06	00.109	1472.8							
	OBS	00101	05.31	34.260	27.07		1473.0							
	OBS	00111	07.07	34.637	27.14		1480.7							
	OBS	00119	06.94	34.639	27.16		1480.5							
	STD	00125	06.86	34.61	27.15	00.134	1480.0							
	OBS	00125	06.86	34.607	27.15		1480.0							
	OBS	00130	06.57	34.546	27.14		1478.9							
	OBS	00140	05.69	34.454	27.18		1475.4							
	OBS	00148	05.47	34.480	27.23		1474.7							
	STD	00150	05.45	34.47	27.22	00.156	1474.6							
	OBS	00163	05.27	34.426	27.22		1473.8							
	OBS	00170	05.09	34.461	27.26		1473.5							
	OBS	00181	04.35	34.387	27.28		1470.5							
	OBS	00199	04.40	34.460	27.34		1471.1							
	STD	00200	04.40	34.46	27.34	00.193	1471.1							
	OBS	00204	04.46	34.513	27.37		1471.5							
	OBS	00211	05.10	35.86 P	24.370									
	OBS	00215	05.30	34.657	27.39 *		1475.3							
	OBS	00224	05.45	34.729	27.43		1476.2							
	OBS	00249	05.13	34.695	27.44		1475.2							
	STD	00250	05.13	34.70	27.44	00.234	1475.3							
	OBS	00273	05.13	34.767	27.50		1475.7							
	OBS	00298	05.05	34.809	27.54		1475.9							
	STD	00300	05.06	34.81	27.54	00.265	1475.9							
	OBS	00326	05.12	34.860	27.57		1476.7							
	OBS	00332	05.11	34.876	27.59		1476.8							
	OBS	00344	05.13	34.884	27.59		1477.1							
	OBS	00348	05.12	34.891	27.60		1477.1							
	OBS	00375	04.97	34.901	27.62		1476.9							
	STD	00400	04.91	34.90	27.63	00.321	1477.1							
	OBS	00400	04.91	34.904	27.63		1477.1							
	OBS	00429	04.73	34.912	27.66		1476.9							
	OBS	00453	04.61	34.914	27.68		1476.8							
	OBS	00478	04.56	34.923	27.69		1477.0							
	STD	00500	04.51	34.92	27.69	00.370	1477.1							
	OBS	00501	04.51	34.924	27.69		1477.2							
	OBS	00532	04.75	34.981	27.71		1478.7							
	OBS	00557	04.64	34.964	27.71		1478.7							
	STD	00600	04.45	34.97	27.74	00.415	1478.6							
	OBS	00600	04.45	34.974	27.74		1478.6							
	OBS	00650	04.36	34.943	27.72		1479.0							
	OBS	00667	04.26	34.946	27.74		1478.9							
	STD	00700	04.26	34.95	27.74	00.459	1479.4							
	OBS	00704	04.26	34.945	27.74		1479.5							
	OBS	00725	04.16	34.923	27.73		1479.4							
	OBS	00785	04.27	34.965	27.75		1480.9							
	STD	00800	04.29	34.97	27.75	00.503	1481.2							
	OBS	00835	04.30	34.977	27.76		1481.9							
	OBS	00870	04.27	34.974	27.76		1482.3							
	STD	00900	04.11	34.96	27.76	00.546	1482.2							
	OBS	00901	04.11	34.958	27.76		1482.2							
	OBS	00952	04.09	34.950	27.76		1482.9							
	OBS	00988	04.16	34.968	27.77		1483.8							
	STD	01000	04.17	34.97	27.76	00.590	1484.1							
	OBS	01002	04.17	34.969	27.76		1484.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NOBC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BDTOP 00503	AIR TEMP 10.0	OIR HGT PER	WIND-OIR 23	INST STD RECORDER	TFN SQ 1306
CONSEC 0017	MONTH 04	SHIP EV	WET BULB 09.4	20 1 2	WIND-SPO 01	TRACE OIR 0	5 SQUARE 4
LAT 46 00 N	DAY 10	DATA USE 1	BAROMETR 1008.8	SEA	WIND-FDP	DIRECTION 00-2	2 SQUARE 66
LONG 046 22 W	HOUR 10.8	AREA 05	CLOUD T/A	CL/IR	WEATHER X?	OWIS IIP 113	1 SQUARE 66

CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	CHYG	P34	TOT P	NO2	NO3	SIG3	P4
10.8	STD	00000	06.36	34.18	26.88	00.000	1475.4							
	OBS	00003	06.36	34.176	26.88		1475.5							
	OBS	00006	06.63	34.312	26.95		1476.8							
	OBS	00008	07.09	34.389	26.95		1478.7							
	STD	00010	07.14	34.38	26.93	00.012	1479.0							
	OBS	00012	07.23	34.367	26.91		1479.3							
	STD	00020	07.27	34.39	26.92	00.023	1479.6							
	OBS	00027	07.33	34.409	26.93		1480.0							
	STD	00030	07.35	34.42	26.93	00.034	1480.2							
	STD	00050	07.56	34.52	26.98	00.057	1481.4							
	OBS	00057	07.63	34.542	26.99		1481.8							
	STD	00075	07.80	34.58	27.00	00.084	1482.9							
	OBS	00075	07.81	34.586	27.00		1482.9							
	OBS	00095	07.57	34.526	26.99		1482.2							
	STD	00100	07.33	34.58	27.06	00.110	1481.4							
	OBS	00100	07.30	34.588	27.07		1481.3							
	OBS	00107	07.10	34.631	27.14		1480.7							
	OBS	00114	06.75	34.629	27.18		1479.5							
	OBS	00117	06.42	34.620	27.22		1478.2							
	OBS	00123	06.28	34.624	27.24		1477.7							
	STD	00125	06.26	34.62	27.24	00.134	1477.7							
	OBS	00126	06.24	34.619	27.24		1477.6							
	OBS	00148	05.88	34.553	27.24		1476.4							
	STD	00150	05.62	34.53	27.25	00.155	1475.4							
	OBS	00153	05.26	34.492	27.26		1473.9							
	OBS	00156	05.13	34.478	27.27		1473.4							
	OBS	00162	05.20	34.535	27.30		1473.9							
	OBS	00166	05.15	34.617	27.38		1473.9							
	OBS	00174	05.59	34.681	27.37		1475.9							
	OBS	00177	05.61	34.662	27.36		1476.0							
	STD	00200	05.52	34.67	27.37	00.195	1476.0							
	OBS	00200	05.51	34.666	27.37		1476.0							
	OBS	00224	05.11	34.576	27.35		1474.6							
	OBS	00230	04.72	34.564	27.38		1473.1							
	OBS	00234	04.60	34.600	27.43		1472.7							
	OBS	00246	04.46	34.616	27.45		1472.3							
	STD	00250	04.54	34.70	27.51	00.229	1472.8							
	OBS	00250	04.56	34.714	27.52		1472.9							
	OBS	00271	05.05	34.797	27.53		1475.4							
	OBS	00275	05.28	34.892	27.58		1476.5							
	OBS	00278	05.64	34.921	27.56		1478.1							
	OBS	00281	05.73	34.913	27.54		1478.5							
	STD	00300	05.42	34.88	27.55	00.259	1477.5							
	OBS	00303	05.41	34.877	27.55		1477.5							
	OBS	00306	05.42	34.902	27.57		1477.6							
	OBS	00315	05.32	34.896	27.58		1477.4							
	OBS	00326	05.27	34.892	27.58		1477.4							
	OBS	00352	05.11	34.918	27.62		1477.2							
	OBS	00383	05.05	34.938	27.64		1477.4							
	STD	00400	05.00	34.93	27.64	00.313	1477.5							
	OBS	00400	05.00	34.931	27.64		1477.5							
	OBS	00427	04.72	34.927	27.67		1476.8							
	OBS	00443	04.58	34.937	27.69		1476.5							
	OBS	00468	04.58	34.939	27.70		1476.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID	31	3296	YEAR	1972	30TDP	011A3	AIR	TEMP	09-4	DIR	HGT	PFR	41V0-01R	25	INST	STO	RECOND	TEP	SQ	1306
CUNSEC	0018		MONTH	04	SHIP	EV	WET	DULR	03-3	09	3	3	WIND-SPO	12	THACF	DIR	D	5	SQUARE	4
LAT	46	04	N		DATA	USE	1	BAROMETER	1007.5	SEA			WIND-F3P		ORIGIN	00-5		2	SQUARE	66
LONG	346	56	W	HOUR	12.8	AREA	G5	CLOUD	T/A	CL/TR			WIND-F3P	XL	ORIGIN	11P	110	1	SQUARE	66
CASHTIME/TIME	LVL	TP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPH	SNO	VEL	XYG	P14	TOT	P	NO2	NO3	S133	P4			
12.8	STO	00000	00.15	33.24	26.70	00.000	1447.5													
	085	00004	00.15	33.238	26.70		1447.6													
	085	00005	00.09	33.300	26.75		1447.5													
	STO	00010	00.70	33.32	26.73	00.013	1450.3													
	085	00019	01.03	33.481	26.85		1452.2													
	STO	00023	00.50	33.54	26.93	00.026	1449.9													
	085	00024	00.16	33.735	27.10		1448.7													
	085	00127	01.08	33.881	27.160															
	STO	00030	02.36	34.02	27.18	00.036	1459.0													
	085	00030	01.49	34.040	27.230															
085	00133	03.47	34.34	27.340																
085	00036	04.20	34.188	27.14	*		1467.2													
085	00038	04.45	34.255	27.12			1470.0													
085	00041	05.05	34.147	27.02	*		1470.8													
085	00046	05.08	34.186	27.04			1471.0													
085	00049	05.43	34.272	27.07			1472.6													
STO	00050	05.53	34.36	27.13	00.054	1473.1														
085	00052	05.81	34.490	27.20			1474.5													
085	00054	05.95	34.259	27.00	*		1474.8													
085	00057	06.02	34.393	27.09			1475.3													
085	00063	06.41	34.438	27.08			1477.0													
085	00069	05.76	34.413	27.14			1474.5													
085	00071	05.91	34.347	27.07	*		1475.0													
STO	00075	05.33	34.27	27.08	00.079	1472.6														
085	00040	04.54	34.181	27.10			1469.3													
085	00043	04.29	34.165	27.11			1468.3													
STO	00100	03.83	34.22	27.21	00.102	1466.8														
085	00101	03.83	34.230	27.21			1466.4													
085	00104	03.84	34.247	27.23			1466.2													
085	00113	04.11	34.295	27.24			1468.2													
085	00115	04.07	34.318	27.26			1468.1													
085	00121	04.33	34.378	27.28			1469.3													
085	00124	04.56	34.499	27.35			1470.6													
STO	00125	04.66	34.51	27.35	00.123	1471.0														
085	00127	04.89	34.535	27.34			1472.0													
085	00142	05.42	34.650	27.36			1474.9													
085	00144	05.77	34.694	27.36			1476.2													
085	00148	05.94	34.692	27.34			1476.9													
STO	00150	05.97	34.68	27.33	00.142	1477.0														
085	00150	05.98	34.683	27.33			1477.1													
085	00156	06.13	34.725	27.33			1478.0													
085	00163	06.14	34.664	27.29	*		1477.3													
085	00173	05.59	34.593	27.30			1475.7													
085	00174	05.47	34.636	27.35			1475.3													
085	00193	05.38	34.665	27.39			1475.4													
STO	00200	05.43	34.67	27.39	00.179	1475.6														
085	00210	05.57	34.716	27.40			1476.4													
085	00213	05.55	34.776	27.45			1476.5													
085	00217	05.87	34.830	27.46			1477.9													
085	00223	05.93	34.818	27.44			1478.2													
085	00244	04.77	34.669	27.46			1473.7													
STO	00250	04.75	34.67	27.47	00.214	1473.6														
085	00276	04.64	34.725	27.52			1473.7													
085	00283	04.72	34.763	27.54			1474.2													
085	00285	04.86	34.847	27.59			1474.9													
085	00283	05.04	34.851	27.57			1475.9													
085	00299	05.41	34.926	27.59			1477.5													
STO	00300	05.41	34.92	27.59	00.244	1477.5														
085	00327	05.26	34.899	27.59			1477.3													
085	00351	05.07	34.946	27.65			1477.0													
085	00373	05.22	34.955	27.63			1478.0													
085	00398	05.16	34.972	27.66			1478.2													
STO	00500	05.16	34.97	27.66	00.296	1478.2														
085	00424	05.16	34.988	27.67			1478.6													
085	00434	05.13	34.993	27.68			1478.8													
085	00447	05.12	34.997	27.68			1478.9													
085	00451	05.12	34.995	27.68			1478.9													
085	00486	05.01	34.975	27.68			1479.0													
STO	00500	04.91	34.98	27.69	00.344	1478.0														
085	00500	04.91	34.985	27.70			1478.9													
085	00527	04.89	34.990	27.70			1479.2													
085	00550	04.80	34.983	27.71			1479.2													
085	00575	04.75	34.979	27.71			1479.5													
085	00599	04.72	34.987	27.72			1479.7													
STO	00600	04.71	34.98	27.72	00.391	1479.7														
085	00625	04.57	34.946	27.70			1479.5													
085	00650	04.39	34.945	27.72			1479.2													
STO	00700	04.23	34.94	27.74	00.435	1479.3														
085	00700	04.23	34.942	27.74			1479.3													
085	00724	04.22	34.943	27.74			1479.7													
085	00751	04.20	34.942	27.74			1480.0													
085	00777	04.17	34.944	27.75			1480.3													
STO	00800	04.17	34.95	27.75	00.479	1480.7														
085	00802	04.17	34.946	27.75			1480.8													
STO	00900	04.07	34.94	27.75	00.523	1482.0														
STO	01000	03.81	34.94	27.78	00.566	1482.5														
085	01020	03.74	34.939	27.79			1482.6													

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	VF14 1972	01248	AIR TEMP 03.4	PIR HGT PER	WIND-DIR 25	INST STO RECORDFR	TEN SQ 1336
COURSE 0319	04014 04	SHIP FV	WET SURF 03.3	10 5 7	WIND-SPO 16	TRACE DIR 0	5 SQUARE 4
LAT 45 19 N	DAY 17	DATA USE 1	BAROMETR 1011.2	SEA	WIND-FJR	0URATTION 03.4	2 SQUARE 66
LONG 047 00 W	WIND 15.0	AREA 05	CLUTTER	CLUTR	WEATHER 41	DRIS IIP 110	1 SQUARE 67

CSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNORPH	SND VEL	TRYG	P24	TOT P	W2	W03	S133	P4
15.0	STO	00000	- 0.64	33.00	25.54	00.000	1443.6							
	DBS	00007	- 0.64	32.997	25.54		1443.6							
	STO	00010	- 0.73	32.97	26.52	00.015	1443.0							
	DBS	00010	- 0.87	32.967	26.52		1442.8							
	DBS	00013	- 1.15	33.110	25.65		1441.5							
	DBS	00015	- 1.32	33.232	26.75		1441.0							
	STO	00020	- 1.41	33.26	26.77	00.029	1440.7							
	DBS	00021	- 1.42	33.279	25.79		1440.6							
	DBS	00024	- 1.42	33.170	26.87		1441.8							
	STO	00030	- 1.33	33.39	26.88	00.041	1441.4							
	DBS	00049	- 1.13	33.480	25.95		1442.8							
	STO	00050	- 1.13	33.8	25.95	00.064	1442.8							
	DBS	00051	- 1.12	33.491	25.96		1442.9							
	DBS	00073	- 0.54	33.617	27.04		1446.1							
	STO	00075	- 0.53	33.62	27.04	00.091	1446.2							
	DBS	00076	- 0.52	33.620	27.04		1446.2							
	DBS	00079	- 0.59	33.629	27.05		1446.0							
	DBS	00082	- 0.49	33.729	27.12		1446.6							
	DBS	00085	- 0.28	33.749	27.13		1447.7							
	STO	00100	- 0.02	33.83	27.18	00.115	1449.2							
	DBS	00100	00.01	33.834	27.19		1449.4							
	DBS	00104	00.22	33.873	27.21		1450.5							
	DBS	00115	- 0.03	33.870	27.22		1449.5							
	DBS	00118	- 0.08	33.908	27.25		1449.4							
	STO	00125	00.03	33.94	27.27	00.136	1450.0							
	DBS	00125	00.03	33.943	27.27		1450.0							
	DBS	00145	00.40	34.038	27.34		1451.7							
	DBS	00149	00.46	34.106	27.38		1452.6							
	STO	00153	00.50	34.11	27.38	00.155	1452.8							
	DBS	00165	00.87	34.194	27.43		1454.7							
	DBS	00172	01.44	34.251	27.44		1457.6							
	DBS	00198	01.70	34.333	27.48		1459.7							
	STO	00200	01.81	34.35	27.49	00.183	1459.9							
	DBS	00224	02.36	34.512	27.57		1462.9							
	DBS	00227	02.53	34.500	27.55		1463.6							
	STO	00250	02.82	34.57	27.58	00.217	1465.4							
	DBS	00250	02.93	34.570	27.58		1465.4							
	DBS	00275	03.12	34.609	27.58		1467.1							
	DBS	00298	03.21	34.630	27.59		1467.9							
	STO	00300	03.22	34.63	27.59	00.243	1468.0							
	DBS	00324	03.42	34.681	27.61		1469.3							
	DBS	00352	03.70	34.753	27.64		1471.1							
	DBS	00374	03.82	34.779	27.65		1472.0							
	DBS	00398	04.02	34.860	27.69		1473.3							
	STO	00400	04.02	34.86	27.69	00.292	1473.3							
	DBS	00425	04.12	34.855	27.68		1474.2							
	DBS	00451	04.38	34.898	27.69		1475.8							
	DBS	00474	04.67	34.945	27.70		1477.4							
	STO	00500	04.66	34.97	27.71	00.337	1477.8							
	DBS	00501	04.66	34.967	27.71		1477.9							
	DBS	00526	04.65	34.977	27.72		1478.2							
	DBS	00549	04.62	34.975	27.72		1478.5							
	DBS	00574	04.47	34.948	27.72		1478.2							
	STO	00600	04.38	34.944	27.72	00.382	1478.3							
	DBS	00600	04.38	34.944	27.72		1478.3							
	DBS	00624	04.34	34.941	27.72		1478.5							
	DBS	00651	04.42	34.982	27.75		1479.3							
	DBS	00677	04.33	34.956	27.73		1479.6							
	STO	00700	04.38	34.97	27.74	00.427	1480.0							
	DBS	00701	04.38	34.967	27.74		1480.0							
	DBS	00724	04.38	34.960	27.74		1480.4							
	DBS	00752	04.26	34.949	27.74		1480.3							
	DBS	00773	04.25	34.953	27.74		1480.6							
	STO	00800	04.20	34.944	27.74	00.471	1480.8							
	DBS	00800	04.20	34.941	27.74		1480.8							
	DBS	00828	04.17	34.945	27.75		1481.2							
	DBS	00850	04.15	34.942	27.75		1481.5							
	DBS	00873	04.15	34.945	27.75		1481.9							
	STO	00900	04.14	34.95	27.75	00.516	1482.3							
	DBS	00903	04.14	34.946	27.75		1482.3							
	DBS	00930	04.14	34.949	27.75		1482.8							
	DBS	00949	04.14	34.950	27.75		1483.1							
	DBS	00989	04.10	34.937	27.75		1483.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31	A296	YEAR 1972	BOTHP 00936	AIR TEMP 02-9	DIR HGT PFR	WIND-DIR 23	INST STD RECORDER	TEN SQ 1306
CONSLE 0020		MONTH 04	SHIP EV	WET MUL 01.7	19 5 3	WIND-SPO 23	TRACF DIR 3	5 SQUARE 4
LAT 46 14 N		DAY 10	DATA USE 1	BAROMETR 1012.2	SEA	WIND-FTR	DURATION 07.3	2 SQUARE 66
LONG 047 14 W		HOOR 16.9	AREA 05	CLOUD T/A	CL/TR	WEATHER XL	ORIG IIP 110	1 SQUARE 67

CAS'NUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNPPTH	SND VEL	XYG	P34	TOT P	N02	N03	S133	P4
16.9	STD	00000	- 0.87	33.03	26.57	00.000	1442.5							
	085	00001	- 0.87	33.026	26.57		1442.5							
	085	00009	- 0.87	33.022	26.57		1442.7							
	STD	00010	- 0.89	33.02	26.57	00.015	1442.6							
	085	00020	- 1.02	33.06	26.61	00.029	1442.2							
	085	00024	- 1.03	33.082	26.62		1442.3							
	STD	00030	- 0.99	33.09	26.63	00.044	1442.6							
	085	00032	- 0.95	33.202	26.72		1442.9							
	085	00037	- 0.91	33.531	26.98		1443.7							
	085	00039	- 0.49	33.571	27.00		1445.7							
	085	00044	00.42	33.633	27.00		1450.1							
	085	00048	00.23	33.632	27.01		1449.2							
	STD	00050	00.24	33.67	27.04	00.069	1449.4							
	085	00052	00.25	33.722	27.06		1449.5							
	085	00063	00.83	33.903	27.12		1452.5							
	085	00074	01.28	33.918	27.18		1454.8							
	STD	00075	01.32	33.92	27.18	00.092	1455.0							
	085	00077	01.64	33.952	27.18		1456.5							
	085	00085	02.39	33.955	27.13 *		1459.9							
	085	00094	02.81	34.029	27.15		1462.0							
	085	00099	02.95	34.034	27.14		1462.8							
	STD	00100	03.01	34.03	27.13	00.115	1463.0							
	085	00105	03.03	33.995	27.10 *		1463.1							
	085	00118	01.54	33.851	27.11		1456.6							
	085	00124	01.31	33.825	27.10		1455.6							
	STD	00125	01.24	33.82	27.10	00.139	1455.3							
	085	00144	- 0.23	33.764	27.14		1448.9							
	085	00148	- 0.31	33.813	27.18		1443.7							
	STD	00150	- 0.38	33.82	27.20	00.162	1448.4							
	085	00157	- 0.43	33.849	27.22		1448.2							
	085	00156	- 0.16	34.021	27.35		1449.8							
	085	00160	00.13	34.052	27.36		1451.2							
	085	00198	00.83	34.160	27.40		1455.2							
	STD	00200	00.86	34.17	27.41	00.201	1455.3							
	085	00212	01.13	34.228	27.44		1456.9							
	085	00215	01.29	34.273	27.46		1457.7							
	085	00222	01.39	34.281	27.46		1458.2							
	085	00224	01.55	34.333	27.49		1459.1							
	085	00230	01.80	34.330	27.47		1460.3							
	085	00249	01.93	34.360	27.49		1461.2							
	STD	00250	01.93	34.36	27.49	00.234	1461.2							
	085	00273	01.92	34.369	27.49		1461.6							
	085	00282	01.90	34.380	27.50		1461.6							
	085	00290	02.20	34.442	27.53		1463.2							
	085	00299	02.23	34.448	27.53		1463.5							
	STD	00300	02.23	34.45	27.53	00.264	1463.5							
	085	00324	02.67	34.524	27.56		1465.9							
	085	00348	02.97	34.580	27.57		1467.7							
	085	00377	03.31	34.688	27.63		1469.7							
	085	00399	03.44	34.704	27.63		1470.7							
	STD	00400	03.45	34.71	27.63	00.318	1470.7							
	085	00426	03.74	34.783	27.66		1472.5							
	085	00451	03.88	34.832	27.69		1473.6							
	085	00476	04.00	34.864	27.70		1474.5							
	STD	00500	04.03	34.88	27.71	00.365	1475.1							
	085	00500	04.03	34.877	27.71		1475.1							
	085	00523	04.04	34.889	27.72		1475.5							
	085	00550	04.04	34.895	27.72		1476.0							
	085	00577	04.04	34.900	27.72		1476.4							
	085	00599	04.04	34.905	27.73		1476.8							
	STD	00600	04.04	34.91	27.73	00.409	1476.8							
	085	00628	04.04	34.911	27.73		1477.3							
	085	00652	04.04	34.914	27.74		1477.7							
	085	00676	04.04	34.917	27.74		1478.1							
	STD	00700	04.03	34.92	27.74	00.453	1478.4							
	085	00701	04.03	34.921	27.74		1478.5							
	085	00726	04.03	34.923	27.74		1478.9							
	085	00748	04.06	34.930	27.75		1479.4							
	085	00775	04.05	34.930	27.75		1479.8							
	STD	00800	04.04	34.93	27.75	00.496	1480.2							
	085	00800	04.04	34.932	27.75		1480.2							
	085	00829	04.03	34.932	27.75		1480.6							
	085	00854	04.02	34.934	27.75		1481.0							
	085	00875	04.02	34.933	27.75		1481.3							
	STD	00900	04.02	34.94	27.75	00.540	1481.7							
	085	00904	04.02	34.937	27.76		1481.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-S296.—Continued

REFID 31 8296	YEAR 1972	BOAT 00406	AIR TEMP 02-2	DIR HGT PER	WIND-DIR 23	INST STG RECORDER	TEN SQ 1306
CONSEC 0021	MONTH 04	SHIP EV	WET BULB 01.1	19 4 3	WIND-SPO 11	TRACE DIR 0	5 SQUARE 4
LAT 46 18 N	DAY 10	DATA USE 1	BAROMETR 1011.9	SEA	WIND-FJR	DURATION 00.1	2 SQUARE 66
LONG 047 24 W	HOOR 18.7	AREA 05	CLOUD T/A	CL/TR	WEATHER 21	ORIG IIP 110	1 SQUARE 67

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	CHYG	PJ4	TOT P	NO2	NO3	SI33	P4
STO	00000	- 0.99	32.95	26.51	00.000	1441.9								
IR.7	085	00000	- 0.99	32.949	26.51	1441.9								
STO	00010	- 1.00	32.96	26.52	00.015	1442.0								
STO	00023	- 1.01	32.96	26.52	00.030	1442.1								
085	00025	- 1.01	32.965	26.53		1442.2								
STO	00030	- 1.08	32.93	26.50 *	00.046	1441.9								
085	00031	- 1.10	32.928	26.50		1441.8								
085	00046	- 1.36	33.097	26.64		1441.1								
STO	00050	- 1.43	33.13	26.67	00.075	1440.9								
085	00052	- 1.46	33.156	26.69		1440.8								
085	00073	- 1.34	33.275	26.79		1441.9								
STO	00075	- 1.32	33.29	26.80	00.108	1442.0								
085	00098	- 1.04	33.446	26.92		1443.9								
STO	00100	- 1.00	33.45	26.92	00.138	1444.1								
085	00123	- 0.91	33.534	26.98		1445.1								
STO	00125	- 0.96	33.55	27.00	00.165	1444.9								
085	00126	- 0.97	33.556	27.00		1444.9								
085	00130	- 0.76	33.539	26.98		1445.9								
085	00133	- 0.74	33.520	26.97		1446.0								
085	00139	- 1.04	33.514	26.97		1444.8								
085	00148	- 1.16	33.525	26.98		1444.3								
STO	00150	- 1.17	33.53	26.99	00.192	1444.3								
085	00160	- 1.27	33.610	27.06		1444.1								
085	00165	- 0.59	33.753	27.15		1447.6								
085	00175	- 0.27	33.774	27.15		1449.2								
085	00179	- 0.25	33.787	27.16		1449.4								
085	00184	- 0.39	33.834	27.21		1448.9								
085	00198	00.13	34.006	27.32		1451.6								
085	00191	00.60	33.991	27.28 *		1453.8								
STO	00200	00.65	34.00	27.29	00.238	1454.2								
085	00224	00.90	34.066	27.32		1455.8								
085	00248	01.27	34.164	27.38		1458.0								
STO	00250	01.29	34.17	27.38	00.276	1458.1								
085	00277	01.65	34.262	27.43		1460.3								
STO	00300	02.03	34.35	27.47	00.310	1462.5								
085	00301	02.06	34.360	27.48		1462.6								
085	00327	02.42	34.467	27.53		1464.8								
085	00337	02.54	34.481	27.53		1465.5								
085	00349	02.73	34.525	27.55		1466.5								
085	00377	03.28	34.680	27.63		1469.6								
STO	00400	03.72	34.79	27.67	00.365	1472.0								
085	00400	03.73	34.790	27.67		1472.0								
085	00427	03.92	34.820	27.67		1473.3								
085	00450	04.01	34.849	27.69		1474.1								
085	00465	04.02	34.854	27.69		1474.4								

REFID 31 8296	YEAR 1972	BOAT 00196	AIR TEMP 01.7	DIR HGT PER	WIND-DIR 25	INST STG RECORDER	TEN SQ 1306
CONSEC 0022	MONTH 04	SHIP EV	WET BULB 01.1	19 3 3	WIND-SPO 25	TRACE DIR 0	5 SQUARE 4
LAT 46 19.7N	DAY 10	DATA USE 1	BAROMETR 1012.2	SEA	WIND-FJR	DURATION 00.2	2 SQUARE 66
LONG 047 35.0W	HOOR 20.4	AREA 05	CLOUD T/A	CL/TR	WEATHER 21	ORIG IIP 110	1 SQUARE 67

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	CHYG	PJ4	TOT P	NO2	NO3	SI33	P4
STO	00000	- 1.09	32.89	26.47	00.000	1441.3								
20.4	085	00008	- 1.09	32.890	26.47	1441.4								
STO	00010	- 1.09	32.89	26.47	00.016	1441.5								
085	00010	- 1.09	32.893	26.47		1441.5								
STO	00020	- 1.09	32.89	26.47	00.031	1441.6								
085	00020	- 1.09	32.893	26.47		1441.6								
STO	00030	- 1.10	32.89	26.47	00.047	1441.8								
085	00030	- 1.10	32.894	26.47		1441.8								
085	00042	- 1.09	32.886	26.47		1442.0								
STO	00050	- 1.33	32.88	26.46	00.079	1441.0								
085	00050	- 1.33	32.875	26.46		1441.0								
STO	00075	- 1.51	33.01	26.58	00.116	1440.7								
085	00075	- 1.51	33.009	26.58		1440.7								
085	00099	- 1.42	33.134	26.68		1441.7								
STO	00100	- 1.42	33.13	26.68	00.152	1441.7								
085	00124	- 1.29	33.270	26.78		1443.0								
STO	00125	- 1.29	33.27	26.78	00.185	1443.0								
085	00143	- 1.00	33.441	26.91		1444.9								
STO	00150	- 1.00	33.46	26.92	00.215	1445.0								
085	00162	- 1.00	33.465	26.93		1445.2								
085	00170	- 0.98	33.458	26.92		1445.4								

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	RTOTOP 00146	AIR TEMP 00.6	DIR HGT PER	WIND-DIR 25	INST STD RECORDER	TEN SQ 1306
CONSEC 0023	MONTH 04	SHIP EV	WET BULB 00.0	19 4 2	WIND-SPD 23	TRACE DIR 0	5 SQUARE 4
LAT 46 20 N	DAY 10	DATA USE 1	BAROMETR 1012.2	SEA	WIND-FJR	DURATION 00.1	2 SQUARE 66
LONG 047 55 W	HOOR 21.8	AREA 05	CLOUD T/A	CL/TR	WEATHER XI	ORIG IIP 110	1 SQUARE 67

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	XYG	P34	TOT P	NO2	NO3	S133	P4
21.8	STD	00000	- 0.89	32.89	26.46	00.000	1442.2							
	DBS	00000	- 0.89	32.892	26.46		1442.2							
	STD	00010	- 0.89	32.89	26.46	00.016	1442.4							
	DBS	00010	- 0.89	32.892	26.46		1442.4							
	STD	00020	- 0.91	32.89	26.46	00.031	1442.5							
	DBS	00021	- 0.92	32.892	26.47		1442.5							
	STD	00030	- 0.96	32.89	26.47	00.047	1442.4							
	DBS	00032	- 0.98	32.890	26.47		1442.3							
	DBS	00039	- 1.13	32.878	26.46		1441.8							
	DBS	00043	- 1.28	32.930	26.51		1441.2							
	STD	00050	- 1.35	32.98	26.55	00.078	1441.0							
	DBS	00050	- 1.35	32.983	26.55		1441.0							
	STD	00075	- 1.36	33.13	26.67	00.114	1441.6							
	DBS	00076	- 1.36	33.141	26.68		1441.6							
	STD	00100	- 1.15	33.31	25.81	00.146	1443.2							
	DBS	00101	- 1.15	33.314	26.81		1443.3							
	STD	00125	- 1.17	33.43	26.91	00.176	1443.8							
	DBS	00126	- 1.17	33.434	26.91		1443.8							
	DBS	00141	- 1.16	33.444	26.92		1444.1							

REFID 31 8296	YEAR 1972	RTOTOP 00110	AIR TEMP 00.0	DIR HGT PER	WIND-DIR 25	INST STD RECORDER	TEN SQ 1306
CONSEC 0024	MONTH 04	SHIP EV	WET BULB -00.6	19 4 2	WIND-SPD 23	TRACE DIR 0	5 SQUARE 4
LAT 46 25.0N	DAY 10	DATA USE 1	BAROMETR 1013.9	SEA	WIND-FJR	DURATION 00.1	2 SQUARE 68
LONG 048 12.0W	HOOR 23.6	AREA 05	CLOUD T/A	CL/TR	WEATHER XI	ORIG IIP 110	1 SQUARE 68

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	XYG	P34	TOT P	NO2	NO3	S133	P4
23.6	DBS	00012	- 1.12	32.892	26.47		1441.4							
	STD	00020	- 1.11	32.90	26.47		1441.5							
	DBS	00021	- 1.11	32.896	26.47		1441.6							
	STD	00030	- 1.14	32.89	26.47		1441.6							
	DBS	00030	- 1.14	32.889	26.47		1441.6							
	STD	00050	- 1.25	32.90	26.48		1441.4							
	DBS	00050	- 1.25	32.900	26.48		1441.4							
	DBS	00059	- 1.32	32.871	26.46		1441.2							
	STD	00075	- 1.38	32.91	26.49		1441.2							
	DBS	00075	- 1.38	32.907	26.49		1441.2							
	STD	00100	- 1.49	32.93	26.51		1441.1							
	DBS	00100	- 1.49	32.941	26.52		1441.2							
	DBS	00106	- 1.49	33.026	26.59		1441.4							

REFID 31 8296	YEAR 1972	RTOTOP 00099	AIR TEMP -00.6	DIR HGT PER	WIND-DIR 25	INST STD RECORDER	TEN SQ 1306
CONSEC 0025	MONTH 04	SHIP EV	WET BULB -00.6	19 4 3	WIND-SPD 22	TRACE DIR 0	5 SQUARE 4
LAT 46 32 N	DAY 11	DATA USE 1	BAROMETR 1014.6	SEA	WIND-FJR	DURATION 00.1	2 SQUARE 68
LONG 048 27 W	HOOR 01.5	AREA 05	CLOUD T/A	CL/TR	WEATHER XI	ORIG IIP 110	1 SQUARE 68

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	XYG	P34	TOT P	NO2	NO3	S133	P4
01.5	STD	00000	- 1.00	32.91	26.48	00.000	1441.8							
	DBS	00000	- 1.00	32.912	26.48		1441.8							
	STD	00010	- 0.99	32.91	26.48	00.016	1441.9							
	DBS	00020	- 0.99	32.91	26.48	00.031	1442.1							
	DBS	00024	- 0.99	32.912	26.48		1442.2							
	STD	00030	- 0.99	32.91	26.48	00.047	1442.3							
	DBS	00048	- 1.00	32.918	26.49		1442.6							
	STD	00050	- 1.02	32.91	26.48	00.078	1442.5							
	DBS	00059	- 1.15	32.901	26.48		1442.0							
	DBS	00070	- 1.33	32.941	26.52		1441.4							
	STD	00075	- 1.30	32.94	26.52	00.116	1441.6							
	DBS	00075	- 1.30	32.942	26.52		1441.6							
	DBS	00078	- 1.30	32.944	26.52		1441.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID	31	8296	YEAR	1972	BDTOP	00093	AIR TEMP	00.6	DIR HGT PER	WIND-DIR	25	INST STD RECORDER	TEN SQ 1306	
CONSEC		0026	MONTH	04	SHIP EV		WET BULR	00.0	14 6 3	WIND-SPD	23	TRACE DIR	5 SQUARE 4	
LAT	46	06	N	DAY	11	DATA USE	1	BAROMETR	1015.2	WIND-FTR		DURATION	00.1	2 SQUARE 68
LONG	048	29	W	HOOR	04.1	AREA	05	CLOUD T/A		WEATHER	XL	ORIG IIP	110	1 SQUARE 58

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	XYG	P34	TOT P	NO2	NO3	S133	P4
	STD	00000	- 0.86	32.90	26.47	00.000	1442.4							
04.1	DBS	00000	- 0.86	32.897	26.47		1442.4							
	STD	00010	- 0.86	32.90	26.47	00.016	1442.6							
	STD	00020	- 0.86	32.90	26.47	00.031	1442.7							
	DBS	00025	- 0.86	32.899	26.47		1442.8							
	STD	00030	- 0.88	32.888	26.46	00.047	1442.8							
	DBS	00043	- 0.93	32.878	26.45		1442.9							
	DBS	00049	- 1.10	32.897	26.47		1442.1							
	STD	00050	- 1.10	32.90	26.48	00.079	1442.1							
	DBS	00069	- 1.23	32.930	26.51		1441.8							
	STD	00075	- 1.23	32.93	26.51	00.117	1441.9							
	DBS	00075	- 1.23	32.931	26.51		1441.9							
	DBS	00082	- 1.23	32.930	26.51		1442.1							

REFID	31	8296	YEAR	1972	BDTOP	00097	AIR TEMP	00.6	DIR HGT PER	WIND-DIR	25	INST STD RECORDER	TEN SQ 1306	
CONSEC		0027	MONTH	04	SHIP EV		WET BULR	00.0	19 6 2	WIND-SPD	23	TRACE DIR	5 SQUARE 4	
LAT	46	03	N	DAY	11	DATA USE	1	BAROMETR	1015.2	WIND-FTR		DURATION	00.3	2 SQUARE 68
LONG	048	19	W	HOOR	05.0	AREA	05	CLOUD T/A		WEATHER	XL	ORIG IIP	110	1 SQUARE 68

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	XYG	P34	TOT P	NO2	NO3	S133	P4
05.0	DBS	00011	- 0.94	32.911	26.48		1442.2							
	STD	00020	- 0.94	32.91	26.48		1442.4							
	DBS	00022	- 0.94	32.911	26.48		1442.4							
	DBS	00028	- 0.94	32.915	26.48		1442.5							
	STD	00030	- 0.96	32.92	26.49		1442.4							
	DBS	00048	- 1.15	32.917	26.49		1441.9							
	STD	00050	- 1.17	32.92	26.50		1441.8							
	STD	00075	- 1.43	32.98	26.55		1441.1							
	DBS	00075	- 1.43	32.982	26.55		1441.1							
	DBS	00085	- 1.43	32.999	26.57		1441.3							

REFID	31	8296	YEAR	1972	BDTOP	00110	AIR TEMP	01.1	DIR HGT PER	WIND-DIR	25	INST STD RECORDER	TEN SQ 1306	
CONSEC		0028	MONTH	04	SHIP EV		WET BULR	00.0	20 5 2	WIND-SPD	23	TRACE DIR	5 SQUARE 4	
LAT	46	58	N	DAY	11	DATA USE	1	BAROMETR	1015.9	WIND-FTR		DURATION	00.1	2 SQUARE 48
LONG	048	08	W	HOOR	06.3	AREA	05	CLOUD T/A		WEATHER	XL	ORIG IIP	110	1 SQUARE 58

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	XYG	P34	TOT P	NO2	NO3	S133	P4
06.3	STD	00000	- 0.97	32.92	26.49	00.000	1441.9							
	DBS	00000	- 0.97	32.920	26.49		1441.9							
	STD	00010	- 0.99	32.92	26.49	00.016	1442.0							
	STD	00020	- 0.99	32.93	26.49	00.031	1442.2							
	DBS	00023	- 0.99	32.926	26.49		1442.2							
	STD	00030	- 0.99	32.92	26.49	00.046	1442.3							
	DBS	00040	- 0.98	32.912	26.48		1442.5							
	DBS	00046	- 1.25	32.950	26.52		1441.4							
	DBS	00049	- 1.26	32.963	26.53		1441.4							
	STD	00050	- 1.27	32.96	26.53	00.077	1441.4							
	DBS	00063	- 1.41	33.001	26.57		1441.0							
	STD	00075	- 1.41	33.02	26.59	00.114	1441.2							
	DBS	00075	- 1.41	33.024	26.59		1441.2							
	DBS	00097	- 1.37	33.110	26.65		1441.9							
	STD	00100	- 1.08	33.11	26.65	00.150	1443.3							
	DBS	00101	- 1.07	33.113	26.65		1443.4							
	DBS	00104	- 1.39	33.118	26.66		1441.9							
	DBS	00107	- 1.38	33.119	26.66		1442.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID 31 8296	YE 4R 1972	BDTDP 00245	AIR TEMP 01.1	DIR HGT PER	WIND-01R 23	INST STD RECORDER	TEN SQ 1306
CONSEC 0029	MONTH 04	SHIP EV	WET BULB 00.0	20 5 2	WIND-SPD 18	TRACE DIR 0	5 SQUARE 6
LAT 45 52 N	DAY 11	DATA USE 1	BAROMETR 1017.3	SEA	WIND-FJR	DURATION 00.1	2 SQUARE 46
LONG 047 54 W	HOUR 07.5	AREA 05	CLOUD T/4	CL/TR	WEATHER XJ	ORIG IIP 110	1 SQUARE 57

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	0YN0PTH	SNO VEL	DXYG	PJ4	TOT P	NO2	NO3	S133	P4
07.5	STD	00000	- 0.98	32.90	26.48	00.000	1441.8							
	08S	00000	- 0.98	32.905	26.48		1441.8							
	STD	00010	- 0.98	32.91	26.48	00.016	1442.0							
	STD	00020	- 0.97	32.91	26.48	00.031	1442.2							
	08S	00026	- 0.97	32.906	26.48		1442.3							
	STD	00030	- 1.01	32.92	26.49	00.047	1442.2							
	08S	00048	- 1.30	32.994	26.56		1441.3							
	STD	00050	- 1.32	33.01	26.57	00.077	1441.2							
	08S	00051	- 1.35	33.023	26.58		1441.1							
	08S	00058	- 1.38	33.069	26.62		1441.2							
	08S	00074	- 1.27	33.308	26.81		1442.3							
	STD	00075	- 1.27	33.31	26.81	00.111	1442.3							
	08S	00097	- 1.16	33.418	26.90		1443.3							
	STD	00100	- 1.07	33.47	26.94	00.140	1443.9							
	08S	00100	- 1.05	33.485	26.95		1444.0							
	08S	00109	- 0.93	33.445	26.91 *		1444.6							
	08S	00116	- 0.93	33.450	26.92		1444.8							
	STD	00125	- 0.94	33.45	26.92	00.169	1444.9							
	08S	00125	- 0.94	33.453	26.92		1444.9							
	STD	00150	- 0.88	33.51	26.96	00.196	1445.6							
	08S	00151	- 0.88	33.508	26.96		1445.6							
	08S	00175	- 0.77	33.565	27.00		1446.6							
	STD	00200	- 0.59	33.60	27.02	00.250	1447.9							
	08S	00201	- 0.59	33.599	27.02		1447.9							
	08S	00219	- 0.60	33.610	27.03		1448.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NOBC Listing No. 31–8296.—Continued

REFID 31 8296	YEAR 1972	STATION 01320	AIR TEMP 00.7	OIR MGT PER	WIND-DIR 25	INST STD RECORDER	YEN SJ 1306
CONSEC 0030	MONTH 04	SHIP EV	WET BULR 00.6	20 4 2	WIND-SPD 15	TRACE DIR 0	5 SOJARE 4
LAT 45 45 N	DAY 11	DATA USE 1	BAROMETER 1019.3	SEA	WIND-FOR	DURATION 00.4	2 SQUARE 46
LONG 047 38 W	HOUR 09.7	AREA 05	CLOUD T/A	CL/T/A	WEATHER X3	ORIG IIP 110	1 SQUARE 57

CASINO/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNDPTH	SND VEL	OXYG	P34	TOT P	N02	N03	S133	P4
09.7	085	00009	- 0.82	32.939	26.50		1442.8							
	STD	00010	- 0.82	32.94	26.50		1442.8							
	STD	00020	- 0.82	32.95	26.50		1443.0							
	085	00022	- 0.82	32.947	26.51		1443.0							
	085	00027	- 0.60	33.128	26.64		1444.4							
	STD	00030	- 0.61	33.12	26.64		1444.4							
	085	00030	- 0.61	33.121	26.64		1444.4							
	085	00033	- 0.86	33.147	26.67		1443.3							
	085	00036	- 1.00	33.262	26.77		1442.8							
	STD	00050	- 0.89	33.45	26.92		1443.8							
	085	00050	- 0.89	33.454	26.92		1443.9							
	085	00053	- 0.84	33.450	26.91		1444.1							
	085	00058	- 1.02	33.527	26.98		1443.5							
	085	00060	- 0.96	33.547	27.00		1443.8							
	085	00069	- 1.22	33.583	27.03		1442.8							
	STD	00075	- 0.52	33.58	27.01		1446.2							
	085	00088	- 0.20	33.589	27.00		1447.9							
	085	00091	- 0.40	33.598	27.02		1447.0							
	085	00095	- 0.48	33.712	27.11		1446.9							
	STD	00100	- 0.58	33.69	27.10		1446.5							
	085	00101	- 0.59	33.688	27.10		1446.4							
	085	00110	- 0.39	33.662	27.07	*	1447.5							
	085	00113	- 0.49	33.700	27.10		1447.1							
	085	00119	- 0.47	33.760	27.15		1447.4							
	085	00122	- 0.54	33.771	27.16		1447.1							
	STD	00125	- 0.33	33.80	27.17		1448.2							
	085	00126	- 0.19	33.820	27.18		1448.9							
	STD	00150	00.02	33.87	27.21		1450.3							
	085	00151	00.04	33.877	27.22		1450.4							
	085	00172	00.37	34.015	27.31		1452.5							
	085	00177	00.60	34.065	27.34		1453.6							
	085	00187	00.77	34.076	27.34		1454.6							
	STD	00200	01.44	34.19	27.39		1458.0							
	085	00203	01.55	34.216	27.40		1458.5							
	085	00229	01.84	34.301	27.45		1460.4							
	STD	00250	01.92	34.31	27.45		1461.1							
	085	00258	01.97	34.315	27.45		1461.4							
	085	00275	02.12	34.433	27.53		1462.6							
	STD	00300	02.42	34.47	27.54		1464.3							
	085	00305	02.51	34.490	27.54		1464.8							
	085	00325	02.87	34.565	27.57		1466.8							
	085	00350	03.27	34.659	27.61		1469.1							
	085	00383	03.51	34.707	27.62		1470.7							
	STD	00400	03.69	34.74	27.63		1471.8							
	085	00402	03.71	34.741	27.63		1471.9							
	085	00425	03.83	34.782	27.65		1472.9							
	085	00452	04.12	34.834	27.66		1474.6							
	085	00478	04.21	34.857	27.67		1475.4							
	STD	00500	04.25	34.88	27.69		1476.0							
	085	00503	04.26	34.883	27.69		1476.1							
	085	00531	04.43	34.894	27.68		1477.3							
	085	00552	04.44	34.927	27.70		1477.7							
	085	00580	04.33	34.914	27.70		1477.7							
	STD	00600	04.36	34.92	27.71		1478.2							
	085	00608	04.37	34.923	27.71		1478.3							
	085	00626	04.28	34.915	27.71		1478.2							
	085	00677	04.21	34.917	27.72		1478.8							
	STD	00700	04.21	34.92	27.72		1479.2							
	085	00706	04.21	34.921	27.72		1479.3							
	085	00757	04.13	34.915	27.73		1479.7							
	STD	00800	04.11	34.92	27.73		1480.4							
	085	00800	04.11	34.919	27.73		1480.4							
	085	00828	04.12	34.935	27.74		1481.0							
	085	00852	04.21	34.942	27.74		1481.7							
	085	00875	04.50	34.989	27.74		1483.4							
	STD	00900	04.41	34.97	27.74		1483.4							
	085	00905	04.38	34.968	27.74		1483.4							
	085	00931	04.20	34.949	27.75		1483.0							
	085	00950	04.24	34.956	27.75		1483.5							
	085	00980	04.29	34.976	27.76		1484.3							
	STD	01000	04.29	34.97	27.76		1484.6							
	085	01005	04.28	34.971	27.75		1484.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	8770P 02128	41P TEMP 06.1	DIR HGT PER	WIND-DIR 22	INST STD RECORDER	TEN SJ 1306
CONSEC 0031	MONTH 04	SHIP EV	WET BULB 05.6	20 3 3	WIND-SPD 12	TRACE DIR	5 SQUARE 4
LAT 45 36 N	DAY 11	DATA USE 1	BAROMETER 1020.3	SEA	WIND-FJR	DURATION 00.3	2 SQUARE 46
LONG 047 29 W	HOUR 12.3	AREA 05	CLOUD T/4	CL/TR	WEATHER X1	ORIG IIP 110	1 SQUARE 57

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	XYG	P34	TOT P	NO2	NO3	SIJ3	P4
12.3	STO	00000	01.60	33.38	26.73	00.000	1454.3							
	OBS	00002	01.60	33.379	26.73		1454.3							
	STO	00010	01.71	33.39	26.72	00.013	1454.9							
	OBS	00013	01.77	33.519	26.83		1455.4							
	OBS	00019	03.07	33.866	27.00		1461.7							
	STO	00020	03.56	33.91	26.98	00.025	1463.9							
	OBS	00024	05.06	34.029	26.92		1470.4							
	OBS	00027	05.29	34.037	26.90		1471.4							
	STO	00030	05.29	34.04	26.90	00.037	1471.4							
	STO	00050	05.27	34.07	26.93	00.060	1471.7							
	OBS	00073	05.24	34.102	26.96		1472.0							
	STO	00075	05.16	34.09	26.95		1471.7							
	OBS	00082	04.72	34.001	26.94	00.088	1469.9							
	OBS	00098	04.27	33.979	26.97		1468.2							
	STO	00100	04.02	34.02	27.03	00.115	1467.3							
	OBS	00109	03.20	34.197	27.25		1464.2							
	OBS	00112	03.19	34.214	27.26		1464.2							
	OBS	00115	03.26	34.261	27.29		1464.6							
	OBS	00121	03.65	34.464	27.42		1466.7							
	STO	00125	03.88	34.50	27.42	00.137	1467.7							
	OBS	00138	04.40	34.576	27.43		1470.2							
	STO	00150	03.66	34.51	27.46	00.153	1467.2							
	OBS	00170	03.42	34.402	27.39		1466.4							
	OBS	00174	03.54	34.472	27.43		1467.1							
	OBS	00178	03.71	34.431	27.39		1467.8							
	OBS	00187	03.50	34.427	27.40		1467.1							
	STO	00200	03.88	34.54	27.45	00.186	1469.0							
	OBS	00200	03.91	34.545	27.46		1467.2							
	OBS	00224	04.64	34.689	27.49		1472.8							
	STO	00250	04.65	34.78	27.56	00.216	1473.4							
	OBS	00251	04.65	34.784	27.57		1473.4							
	STO	00300	04.69	34.83	27.60	00.244	1474.4							
	OBS	00304	04.80	34.856	27.61		1475.0							
	OBS	00318	05.21	34.943	27.63		1477.0							
	OBS	00330	05.21	34.950	27.63		1477.2							
	OBS	00351	05.13	34.951	27.64		1477.3							
	OBS	00381	05.07	34.959	27.66		1477.5							
	STO	00400	05.09	34.98	27.67	00.294	1477.9							
	OBS	00405	05.09	34.979	27.67		1478.0							
	OBS	00425	05.09	34.992	27.68		1478.4							
	OBS	00451	05.06	35.006	27.69		1478.7							
	OBS	00499	04.97	35.011	27.71		1479.1							
	STO	00500	04.97	35.01	27.71	00.342	1479.1							
	OBS	00526	04.89	35.000	27.71		1479.2							
	OBS	00551	04.80	34.996	27.72		1479.3							
	OBS	00574	04.77	34.994	27.72		1479.5							
	OBS	00599	04.64	34.987	27.73		1479.4							
	STO	00600	04.64	34.99	27.73	00.387	1479.4							
	OBS	00648	04.58	34.985	27.73		1480.0							
	OBS	00676	04.48	34.976	27.74		1480.0							
	STO	00700	04.47	34.97	27.74	00.431	1480.4							
	OBS	00702	04.47	34.974	27.74		1480.4							
	OBS	00731	04.40	34.980	27.75		1480.6							
	OBS	00749	04.38	34.974	27.75		1480.8							
	OBS	00776	04.30	34.963	27.75		1480.9							
	OBS	00798	04.26	34.961	27.75		1481.1							
	STO	00800	04.26	34.96	27.75	00.475	1481.1							
	OBS	00848	04.23	34.957	27.75		1481.8							
	OBS	00873	04.19	34.955	27.75		1482.0							
	STO	00900	04.22	34.96	27.75	00.519	1482.6							
	OBS	00901	04.22	34.963	27.75		1482.6							
	OBS	00930	04.15	34.956	27.76		1482.8							
	OBS	00956	04.12	34.949	27.75		1483.1							
	STO	01000	04.04	34.94	27.76	00.564	1483.5							
	OBS	01003	04.03	34.943	27.76		1483.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

WFS 10 11 0214	YEAR 1972	DOTID 02776	AIR TEMP 07.2	DIA HGT PFA	WIND-DIR 24	INST STD RECORDER	TEN 50 1306
CUNSEC. 0032	MONTH 04	SHIP EV	WFT AULR 06.7	20 1 2	WIND-SPI 16	TRAF OIR 0	5 SQUARE 4
LAT 45 24 N	DAY 11	DATA USE 1	BAROMETR 1021.0	SEA	WIND-F3R	DIRATION 07.4	2 SQUARE 66
LONG 067 07 W	MOON 14.9	AREA 05	CLLOUD T/A	CLTR	WEATHER X1	ORIG ID 110	1 SQUARE 57

CSTATION/TIME	LVLTYP	DEPTH	TEMP	SAL	SL-44-T	QYN0PTH	SND VEL	CHYG	P34	TOT P	NO2	NO3	SIC3	P4
14.0	STD	00000	06.85	34.27	27.88	00.000	1477.5							
	DBS	00001	06.85	34.267	26.88		1477.5							
	DBS	00004	06.83	34.260	26.88		1477.5							
	STD	00010	06.84	34.28	26.90	00.012	1477.6							
	STD	00020	06.84	34.32	26.92	00.023	1477.9							
	DBS	00025	06.85	34.340	26.94		1478.0							
	DBS	00029	07.06	34.485	27.03		1479.1							
	STD	00030	07.07	34.49	27.03	00.034	1479.2							
	STD	00050	08.15	34.68	27.02	00.055	1483.9							
	STD	00075	08.84	34.83	27.02	00.082	1487.3							
	DBS	00075	08.88	34.827	27.02		1487.9							
	DBS	00098	08.93	34.857	27.04		1487.8							
	STD	00100	08.91	34.84	27.03	00.108	1487.8							
	DBS	00101	08.84	34.830	27.03		1487.6							
	DBS	00104	08.65	34.828	27.06		1486.9							
	DBS	00108	08.38	34.854	27.12		1486.0							
	DBS	00114	09.26	34.841	27.13		1485.6							
	DBS	00117	08.13	34.934	27.14		1485.1							
	DBS	00120	08.10	34.861	27.17		1485.1							
	DBS	00123	08.29	34.925	27.19		1486.0							
	STD	00125	08.32	34.95	27.20	00.133	1486.1							
	DBS	00125	08.36	34.956	27.20		1486.3							
	DBS	00128	08.61	35.001	27.20		1487.4							
	DBS	00131	08.71	34.983	27.17		1487.8							
	DBS	00139	08.05	34.832	27.15		1485.2							
	STD	00150	07.90	34.83	27.18	00.156	1484.9							
	DBS	00151	07.88	34.829	27.18		1484.7							
	DBS	00156	08.03	34.866	27.18		1485.4							
	DBS	00159	07.93	34.875	27.21		1485.1							
	DBS	00162	07.74	34.849	27.21		1484.4							
	DBS	00174	07.18	34.800	27.26		1482.4							
	DBS	00183	07.19	34.850	27.29		1482.6							
	DBS	00197	06.88	34.786	27.29		1481.5							
	STD	00200	06.72	34.75	27.28	00.200	1480.9							
	DBS	00200	06.70	34.743	27.28		1480.8							
	DBS	00206	06.65	34.794	27.33		1480.8							
	DBS	00212	06.46	34.773	27.33		1480.1							
	DBS	00225	06.03	34.725	27.35		1478.5							
	STD	00250	05.86	34.75	27.39	00.239	1478.3							
	DBS	00250	05.86	34.750	27.39		1478.3							
	DBS	00253	05.86	34.797	27.43		1478.4							
	DBS	00259	06.41	34.921	27.46		1480.9							
	DBS	00262	06.56	34.922	27.44		1481.5							
	DBS	00272	06.55	34.938	27.45		1481.7							
	DBS	00276	06.68	35.001	27.48		1482.3							
	DBS	00281	06.79	35.000	27.47		1482.8							
	DBS	00299	06.33	34.926	27.47		1481.2							
	STD	00300	06.33	34.94	27.48	00.273	1481.2							
	DBS	00302	06.32	34.962	27.50		1481.3							
	DBS	00309	05.85	34.878	27.50		1479.4							
DBS	00315	05.65	34.848	27.50		1478.6								
DBS	00324	05.69	34.873	27.51		1479.0								
DBS	00350	05.59	34.896	27.54		1479.0								
DBS	00375	05.22	34.889	27.58		1478.0								
STD	00400	05.16	34.90	27.60	00.333	1478.1								
DBS	00401	05.15	34.903	27.60		1478.1								
DBS	00430	04.62	34.862	27.63		1476.4								
DBS	00450	04.60	34.905	27.67		1476.7								
DBS	00457	04.75	34.908	27.65		1477.4								
DBS	00477	04.50	34.891	27.67		1476.7								
STD	00500	04.49	34.90	27.68	00.385	1477.0								
DBS	00503	04.49	34.906	27.68		1477.1								
DBS	00523	04.49	34.925	27.70		1477.4								
DBS	00533	04.51	34.932	27.70		1477.7								
DBS	00554	04.41	34.925	27.70		1477.6								
DBS	00573	04.37	34.924	27.71		1477.8								
DBS	00599	04.52	34.952	27.71		1478.8								
STD	00600	04.51	34.95	27.71	00.432	1478.8								
DBS	00624	04.42	34.940	27.71		1478.8								
DBS	00652	04.40	34.953	27.73		1479.2								
DBS	00673	04.28	34.939	27.73		1479.1								
STD	00700	04.19	34.92	27.73	00.477	1479.1								
DBS	00704	04.18	34.924	27.73		1479.1								
DBS	00725	04.17	34.925	27.73		1479.5								
DBS	00752	04.18	34.934	27.74		1480.0								
DBS	00776	04.16	34.931	27.74		1480.3								
STD	00800	04.19	34.92	27.73	00.522	1480.3								
DBS	00804	04.19	34.922	27.73		1480.3								
DBS	00833	04.18	34.938	27.74		1481.3								
DBS	00877	03.99	34.916	27.74		1481.2								
STD	00900	04.08	34.93	27.75	00.569	1482.0								
DBS	00903	04.09	34.934	27.75		1482.1								
DBS	00929	04.07	34.932	27.75		1482.4								
DBS	00954	04.05	34.931	27.75		1482.8								
DBS	00990	04.03	34.931	27.75		1483.4								
STD	01000	04.03	34.93	27.75	00.613	1483.4								
DBS	01008	04.02	34.931	27.75		1483.5								

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TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID	31	8296	YEAR	1972	80TOP	03146	AIR TEMP	09.4	OIR	HGT	PER	WIND-DIR	24	INST	STD	RECORDER	TEN	50	1306
CONSEC	0033		MONTH	04	SHIP	EV	WET	BULB	08.3	27	4	WIND-SPO	17	TRACE	DIR	7	5	SQUARE	4
LAT	45	15	DAY	11	DATA	USE	BAROMETER	1020.7	SEA			WIND-FJR		DURATION	00.3		2	SQUARE	46
LONG	046	44	HOUR	17.1	AREA	05	CLOUD	T/4	CL/TR			WEATHER	Y1	ORIG	IPP	110	1	SQUARE	56
CASSTNUM/TIME	LVL	TP	DEPTH	TEMP	SAL	SIGMA-T	OYNDEPTH	SND	VEL	OXYG	P14	TOT	P	N02	N03	S133	P4		
17.1	STO		00000	11.33	35.23	26.91	00.000	1495.4											
	DBS		00000	11.33	35.228	26.91		1495.4											
	STO		00010	11.22	35.20	26.91	00.012	1495.2											
	STO		00020	11.10	35.18	26.92	00.023	1494.9											
	DBS		00020	11.10	35.180	26.92		1494.9											
	DBS		00028	09.56	34.885	26.96		1489.1											
	STO		00030	09.49	34.86	26.95	00.034	1488.8											
	DBS		00031	09.38	34.819	26.93		1488.4											
	DBS		00046	09.23	34.825	26.96		1488.1											
	DBS		00049	09.13	34.777	26.94		1487.7											
	STO		00050	09.09	34.78	26.95	00.057	1487.6											
	DBS		00051	08.99	34.799	26.98		1487.3											
	DBS		00057	09.05	34.857	27.02		1487.7											
	DBS		00064	08.80	34.791	27.01		1486.7											
	DBS		00070	08.79	34.790	27.01		1486.8											
	STO		00075	08.61	34.75	27.00	00.084	1486.1											
	DBS		00075	08.59	34.747	27.01		1486.1											
	DBS		00083	07.97	34.647	27.02		1483.7											
	DBS		00099	07.30	34.499	27.00		1481.2											
	STO		00100	07.30	34.50	27.00	00.111	1481.2											
	DBS		00105	07.12	34.572	27.09		1480.7											
	STO		00125	07.01	34.54	27.08	00.137	1480.6											
	DBS		00125	07.01	34.542	27.08		1480.6											
	DBS		00142	07.63	34.731	27.14		1483.5											
	DBS		00145	07.69	34.737	27.13		1483.8											
	STO		00150	08.46	34.92	27.16	00.162	1487.0											
	DBS		00151	08.55	34.942	27.16		1487.4											
	DBS		00156	08.63	34.911	27.13		1487.8											
	DBS		00159	08.55	34.886	27.12		1487.5											
	DBS		00165	08.10	34.812	27.13		1485.8											
	DBS		00175	07.95	34.825	27.16		1485.4											
	DBS		00195	07.95	34.861	27.19		1485.8											
	DBS		00197	07.83	34.827	27.18		1485.3											
	STO		00200	07.81	34.87	27.22	00.208	1485.3											
	DBS		00200	07.80	34.877	27.23		1485.3											
	DBS		00203	07.91	34.897	27.23		1485.8											
	DBS		00223	07.37	34.825	27.25		1483.9											
	DBS		00235	07.27	34.818	27.26		1483.7											
	DBS		00241	06.99	34.778	27.27		1482.7											
	DBS		00248	06.85	34.760	27.27		1482.2											
	STO		00250	06.79	34.77	27.28	00.251	1482.0											
	DBS		00257	06.71	34.794	27.32		1481.9											
	DBS		00260	06.81	34.875	27.37		1482.4											
	DBS		00274	06.96	34.879	27.35		1483.2											
	DBS		00297	07.51	35.015	27.38		1485.9											
	STO		00300	07.40	34.99	27.38	00.291	1485.5											
	DBS		00300	07.39	34.992	27.38		1485.5											
	DBS		00306	07.23	34.950	27.37		1484.9											
	DBS		00309	07.07	34.899	27.35		1484.3											
	DBS		00312	06.81	34.858	27.35		1483.2											
	DBS		00324	05.01	34.639	27.41		1475.9											
	DBS		00327	04.99	34.695	27.46		1476.0											
	DBS		00333	05.22	34.722	27.45		1477.0											
	DBS		00344	05.61	34.796	27.46		1478.9											
	DBS		00350	05.40	34.751	27.45		1478.1											
	DBS		00357	05.29	34.808	27.51		1477.8											
	DBS		00359	05.36	34.826	27.52		1478.2											
	DBS		00366	05.70	34.891	27.53		1479.8											
	DBS		00375	05.73	34.886	27.52		1480.0											
	STO		00400	05.84	34.97	27.57	00.358	1481.0											
	DBS		00400	05.84	34.974	27.57		1481.0											
	DBS		00427	06.33	35.057	27.58		1483.5											
	DBS		00448	06.27	35.086	27.61		1483.7											
	DBS		00474	06.01	35.033	27.60		1483.0											
	STO		00500	05.08	34.93	27.63	00.414	1479.5											
	DBS		00500	05.07	34.925	27.63		1479.4											
	DBS		00525	04.76	34.920	27.66		1478.6											
	DBS		00591	05.17	34.995	27.67		1480.8											
	DBS		00575	05.00	34.974	27.68		1480.5											
	STO		00600	04.90	34.98	27.69	00.465	1480.5											
	DBS		00604	04.89	34.977	27.69		1480.5											
	DBS		00628	04.87	34.970	27.69		1480.8											
	DBS		00653	04.93	35.009	27.71		1481.5											
	DBS		00675	04.98	35.013	27.71		1482.1											
	STO		00700	04.77	34.98	27.71	00.513	1481.6											
	DBS		00702	04.76	34.983	27.71		1481.6											
	DBS		00723	04.67	34.982	27.72		1481.7											
	DBS		00747	04.63	34.978	27.72		1481.9											
	DBS		00777	04.63	34.990	27.73		1482.3											
	DBS		00798	04.62	34.984	27.73		1482.6											
	STO		00800	04.61	34.99	27.73	00.559	1482.6											
	DBS		00830	04.52	34.984	27.74		1482.7											
	DBS		00851	04.49	34.987	27.74		1483.0											
	DBS		00876	04.46	34.984	27.75		1483.2											
	DBS		00899	04.43	34.987	27.75		1483.5											
	STO		00900	04.43	34.99	27.75	00.605	1483.5											
	DBS		00925	04.42	34.986	27.75		1483.9											
	DBS		00954	04.32	34.970	27.75		1483.9											
	DBS		00982	04.23	34.967	27.75		1484.1											
	STO		01000	04.23	34.97	27.76	00.650	1484.3											
	DBS		01013	04.22	34.964	27.76		1484.5											

TABLE XIII.— Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 9296	YFAZ 1972	90TOP 01457	AIR TEMP 07.8	OIR HGT PFR	41ND-OIR 13	INST STO RECDPROFR	TFN SQ 1306
CUNSER 0014	MUVTM 04	SHIP EV	WET RULB 07.2	27 4 3	WIND-SPO 23	TRACE OIR 0	5 SQUARE 2
LAT 44 52 N	DAY 11	DATA USE 1	BAROMETR 1016.6	SEA	WIND-FDP	DURATIOM 07.5	2 SQUARE 46
LONG 046 14 W	HTUR 23.2	44FA 05	CLUTM T/A	CL/IR	WEATHER	ORIG IIP 110	1 SQUARE 46

CASINUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VFL	JXYG	PJA	TOT P	N02	N03	SIG3	P4
23.2	STO	00000	11.55	35.28	26.91	00.000	1496.3							
	ORS	00004	11.55	35.279	26.91		1496.4							
	STO	00010	11.56	35.28	26.91	00.012	1496.5							
	ORS	00014	11.58	35.298	26.92		1496.6							
	STO	00020	11.58	35.30	26.92	00.023	1496.7							
	ORS	00026	11.57	35.296	26.92		1496.8							
	STO	00030	11.59	35.32	26.93	00.036	1497.0							
	ORS	00031	11.60	35.326	26.94		1497.0							
	STO	00050	11.67	35.33	26.93	00.057	1497.6							
	ORS	00050	11.67	35.334	26.93		1497.6							
	ORS	00066	11.63	35.328	26.93		1497.7							
	STO	00075	11.61	35.33	26.94	00.086	1497.8							
	ORS	00082	11.59	35.313	26.93		1497.8							
	STO	00100	11.44	35.23	26.92	00.115	1496.8							
	ORS	00100	11.22	35.220	26.93		1496.7							
	ORS	00106	10.93	35.170	25.93		1495.9							
	ORS	00124	10.44	35.050	26.93		1494.1							
	STO	00125	10.40	35.04	26.94	00.144	1493.9							
	ORS	00129	10.13	34.997	26.95		1493.0							
	ORS	00139	09.54	34.904	26.97		1490.9							
	ORS	00143	09.42	34.921	27.01		1490.5							
	ORS	00148	09.42	34.925	27.01		1490.6							
	STO	00150	09.36	34.92	27.02	00.172	1490.4							
	ORS	00156	09.08	34.865	27.02		1489.4							
	ORS	00159	08.93	34.804	27.00		1488.8							
	ORS	00163	08.90	34.843	27.03		1488.8							
	ORS	00176	08.99	34.859	27.03		1489.4							
	ORS	00189	09.22	34.935	27.05		1490.5							
	ORS	00199	09.61	35.077	27.10		1492.3							
	STO	00200	09.61	35.08	27.10	00.224	1492.3							
	ORS	00206	09.53	35.096	27.13		1492.2							
	ORS	00213	09.51	35.091	27.13		1492.2							
	ORS	00225	09.02	34.998	27.13		1490.5							
	ORS	00248	08.63	34.954	27.16		1489.3							
	STO	00250	08.53	34.95	27.18	00.273	1489.0							
	ORS	00255	08.27	34.953	27.22		1488.1							
	ORS	00230	07.44	34.830	27.24		1485.1							
	ORS	00292	07.13	34.801	27.26		1484.1							
	STO	00300	06.87	34.80	27.30	00.318	1483.2							
	ORS	00324	06.62	34.789	27.33		1482.6							
	ORS	00353	07.56	35.069	27.41		1487.1							
	ORS	00379	07.45	35.078	27.44		1487.1							
	STO	00400	07.17	35.07	27.47	00.394	1486.4							
	ORS	00400	07.16	35.070	27.47		1486.4							
	ORS	00403	07.12	35.053	27.46		1485.2							
	ORS	00419	05.84	34.865	27.49		1481.2							
	ORS	00422	05.73	34.862	27.50		1480.8							
	ORS	00429	05.82	34.927	27.54		1481.3							
	ORS	00434	05.92	34.935	27.53		1481.8							
	ORS	00442	05.87	34.912	27.53		1481.5							
	ORS	00448	05.47	34.850	27.52		1480.1							
	ORS	00465	04.35	34.727	27.55		1475.6							
	ORS	00469	04.38	34.752	27.57		1475.8							
	ORS	00471	04.53	34.782	27.58		1476.6							
	ORS	00488	04.54	34.790	27.58		1476.9							
	ORS	00498	04.53	34.809	27.60		1477.0							
	STO	00500	04.61	34.82	27.60	00.456	1477.4							
	ORS	00510	04.97	34.881	27.61		1479.1							
	ORS	00530	04.92	34.884	27.61		1479.3							
	ORS	00550	04.50	34.835	27.62		1477.8							
	ORS	00575	04.33	34.849	27.65		1477.5							
	ORS	00593	04.42	34.870	27.66		1478.2							
	STO	00600	04.55	34.89	27.66	00.509	1478.9							
	ORS	00637	05.00	34.975	27.68		1481.5							
	ORS	00656	04.98	34.978	27.68		1481.7							
	ORS	00667	04.91	34.970	27.68		1481.5							
	ORS	00688	04.83	34.969	27.69		1481.6							
	ORS	00691	04.84	34.974	27.69		1481.7							
	STO	00700	04.80	34.97	27.69	00.558	1481.7							
	ORS	00704	04.78	34.965	27.69		1481.7							
	ORS	00728	04.74	34.964	27.70		1481.9							
	ORS	00785	04.57	34.954	27.71		1482.1							
	STO	00800	04.53	34.95	27.71	00.607	1482.2							
	ORS	00801	04.53	34.951	27.71		1482.2							
	ORS	00837	04.46	34.947	27.72		1482.6							
	ORS	00873	04.41	34.950	27.72		1483.0							
	STO	00907	04.43	34.96	27.73	00.655	1483.2							
	ORS	00904	04.43	34.957	27.73		1483.5							
	ORS	00927	04.43	34.965	27.73		1484.0							
	ORS	00957	04.34	34.955	27.74		1484.1							
	ORS	00973	04.32	34.957	27.74		1484.3							
	STO	01000	04.37	34.96	27.74	00.707	1484.7							
	ORS	01036	04.31	34.962	27.74		1485.3							
	ORS	01057	04.30	34.961	27.74		1485.6							

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TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NOAA Listing No. 31–8296.—Continued

PERIOD 31 8296	YEAR 1972	BOATID 03732	AIR TEMP 08.3	DIR HGT PFR	WIND-DIR 21	INST STD RECORDFR	TEN SQ 1306
COUNCIL 0035	MONTH 04	SHIP EV	WET SURF 07.2	26 9 3	WIND-SPO 21	TRACE DIR 0	5 SQUARE 2
LAT 44 12 N	DAY 12	DATA USE 1	BAROMETP 1016.9	SEA	WIND-FJR	DURATION 00.3	2 SQUARE 46
LNG 047 00 W	HOUR 05.6	AREA 05	(CLOUD) T/A	CL/TR	WEATHER X1	ORIG TIP 110	1 SQUARE 47

CAS/STATION/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN/DPH	SND VEL	XYG	P16	TOT P	NO2	NO3	S133	P4
05.6	STD	00003	09.24	34.72	26.87	00.000	1487.4							
	DBS	00004	09.24	34.720	26.87		1487.5							
	STD	00010	09.28	34.72	26.88	00.012	1487.6							
	DBS	00012	09.28	34.726	26.88		1487.6							
	STD	00020	09.04	34.70	26.89	00.024	1487.0							
	DBS	00022	09.06	34.669	26.87		1487.0							
	STD	00030	09.08	34.69	26.88	00.035	1487.1							
	DBS	00032	09.11	34.722	26.90		1487.3							
	DBS	00049	08.06	34.541	26.92		1483.4							
	STD	00050	08.10	34.56	26.93	00.059	1483.6							
	DBS	00068	08.30	34.612	26.94		1484.7							
	DBS	00071	08.10	34.558	26.92		1484.2							
	DBS	00074	08.25	34.651	26.98		1484.6							
	STD	00075	08.24	34.64	26.98	00.087	1484.6							
	DBS	00078	07.78	34.551	26.97		1483.1							
	STD	00100	07.55	34.54	27.00	00.114	1482.2							
	DBS	00103	05.92	34.537	27.04		1479.9							
	DBS	00114	07.12	34.627	27.13		1480.9							
	STD	00125	06.83	34.65	27.19	00.133	1480.0							
	DBS	00130	06.70	34.657	27.21		1479.6							
	STD	00150	06.73	34.66	27.21	00.162	1480.0							
	DBS	00150	06.73	34.653	27.20		1480.0							
	DBS	00165	04.51	34.341	27.23		1470.8							
	DBS	00177	05.42	34.605	27.33		1475.1							
	DBS	00198	05.90	34.742	27.37		1479.0							
	STD	00200	05.97	34.74	27.37	00.203	1477.9							
	DBS	00237	05.28	34.655	27.39		1475.6							
	STD	00250	04.90	34.63	27.41	00.239	1474.2							
	DBS	00264	04.45	34.599	27.44		1472.6							
	DBS	00270	05.26	34.841	27.54		1476.3							
	DBS	00290	06.15	34.743	27.51		1480.4							
	DBS	00299	05.88	34.896	27.51		1479.4							
	STD	00300	05.89	34.90	27.51	00.272	1479.4							
	DBS	00313	06.04	34.968	27.54		1480.4							
	DBS	00342	05.14	34.860	27.57		1477.1							
	DBS	00374	05.56	34.961	27.60		1479.4							
	STD	00400	05.51	34.97	27.61	00.330	1479.6							
	DBS	00400	05.51	34.968	27.61		1479.6							
	DBS	00450	05.43	35.011	27.65		1480.4							
	DBS	00483	05.55	35.047	27.67		1481.3							
	STD	00500	05.47	35.04	27.67	00.382	1481.2							
	DBS	00560	05.21	35.030	27.70		1481.1							
	STD	00600	05.08	35.03	27.71	00.430	1481.3							
	DBS	00606	05.04	35.028	27.71		1481.2							
	DBS	00624	04.87	35.001	27.71		1480.9							
	DBS	00673	04.75	34.993	27.72		1481.1							
	STD	00700	04.64	34.99	27.73	00.477	1481.0							
	DBS	00703	04.62	34.985	27.73		1481.0							
	DBS	00763	04.45	34.970	27.74		1481.3							
	STD	00800	04.44	34.96	27.73	00.523	1481.9							
	DBS	00804	04.43	34.958	27.73		1481.9							
	DBS	00841	04.24	34.946	27.74		1481.8							
	STD	00900	04.20	34.95	27.74	00.568	1482.8							
	DBS	00900	04.20	34.952	27.74		1482.8							
	DBS	00973	04.11	34.939	27.75		1483.3							
	STD	01000	04.10	34.93	27.75	00.614	1483.7							
	DBS	01000	04.10	34.935	27.75		1483.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID: A18296	YEAR 1972	SHIP NO 03926	DATE 04.04	DIR HGT PER	WIND-DIR 32	INST STD RECORDER	TEN SJ 1306
CUSC 0036	MONTH 04	SHIP EV	WET TOL 01.5	25 4 2	WIND-SPD 15	TRACE DIR 0	5 SQUARE 2
LAT 44 19 N	DAY 12	DATA USE 1	BAROMETR 1017.3	SEA	WIND-FIR	ORIPATION 07.2	2 SQUARE 46
LONG 047 22 W	HOUR 08.5	AREA 05	CI OUN T/A	CLTR	WEATHER 2	UP IG IIP 110	1 SQUARE 47

CASINUM/TIAF	LVLTYR	DEPTH	TEMP	SAL	STXMA-T	DYNPTH	SHO VEL	TRFG	P34	TOT P	V32	V03	S133	P4
	STN	000000	11.45	35.22	26.88	00.000	1495.9							
38.5	08S	000000	11.46	35.220	26.88		1495.8							
	08S	000000	11.45	35.217	26.88		1496.0							
	STN	000113	11.45	35.22	26.88	00.012	1496.0							
	08S	000113	11.46	35.224	26.88		1496.2							
	STN	000223	11.46	35.22	26.88	00.024	1496.2							
	STN	000330	11.48	35.22	26.88	00.035	1496.4							
	08S	000331	11.48	35.224	26.88		1496.5							
	08S	000449	11.48	35.227	26.88		1496.8							
	STN	000550	11.48	35.23	26.88	00.059	1496.8							
	STN	00075	11.47	35.22	26.88	00.080	1497.1							
	08S	00075	11.47	35.223	26.88		1497.1							
	08S	00090	11.47	35.234	26.89		1497.6							
	STN	00100	11.47	35.23	26.89	00.112	1497.6							
	STN	00125	11.37	35.21	26.89	00.149	1497.6							
	08S	00125	11.37	35.209	26.89		1497.6							
	STN	00150	09.73	34.98	26.93	00.179	1491.7							
	08S	00150	09.72	34.983	26.93		1491.7							
	08S	00174	08.44	34.874	27.13		1487.3							
	STN	00200	03.41	34.90	27.16	00.232	1487.6							
	08S	00200	03.41	34.904	27.16		1487.6							
	08S	00225	03.60	35.025	27.22		1488.9							
	08S	00235	04.65	35.051	27.23		1489.3							
	STN	00250	08.50	35.04	27.25	00.278	1489.0							
	08S	00250	08.50	35.037	27.25		1489.0							
	08S	00274	08.42	35.061	27.28		1489.1							
	STN	00300	07.69	34.93	27.29	00.321	1486.6							
	08S	00300	07.69	34.928	27.28		1486.6							
	08S	00325	06.67	34.827	27.34		1482.9							
	08S	00350	05.24	34.717	27.44		1477.6							
	08S	00375	05.37	34.765	27.47		1478.4							
	STN	00400	06.37	34.99	27.52	00.396	1483.1							
	08S	00413	06.34	35.041	27.53		1484.1							
	08S	00425	06.47	35.038	27.54		1484.0							
	08S	00450	06.23	35.028	27.57		1483.3							
	08S	00475	05.93	35.017	27.60		1482.6							
	08S	00492	05.76	35.000	27.60		1482.3							
	STN	00500	05.76	35.00	27.60	00.455	1482.1							
	08S	00540	05.48	35.035	27.67		1482.1							
	08S	00594	04.95	34.974	27.68		1480.7							
	STN	00600	04.95	34.97	27.68	00.508	1480.7							
	08S	00624	05.07	35.011	27.70		1481.7							
	08S	00649	04.94	35.005	27.70		1481.6							
	08S	00690	04.77	34.984	27.71		1481.6							
	STN	00700	04.75	34.98	27.71	00.556	1481.5							
	08S	00745	04.27	34.923	27.72		1480.7							
	08S	00753	04.55	34.974	27.73		1481.6							
	STN	00800	04.35	34.95	27.73	00.603	1481.4							
	08S	00819	04.25	34.932	27.73		1481.4							
	08S	00830	04.59	34.998	27.74		1483.0							
	08S	00860	04.33	34.957	27.73		1482.4							
	08S	00890	04.44	34.996	27.76		1483.6							
	STN	00900	04.44	35.00	27.76	00.649	1483.6							
	08S	00952	04.27	34.962	27.75		1483.7							
	STN	01000	04.27	34.96	27.75	00.694	1484.5							
	08S	01000	04.27	34.964	27.75		1484.5							
	08S	01041	04.17	34.956	27.75		1484.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 3296	YEAR 1972	OUTID 03504	ATA TEMP 03.0	DIP HGT PER 25 2 2	WIND-DIR 32	INST STD RECD 20FR	TEMP 53 1306
CONSEC 0037	MONTH 04	SHIP LV	NET-HULB 02.9		WIND-SIN 13	TRACF DIR	5 SQUARE 2
LAT 44 26 N	DAY 12	DATA USE 1	BAROMETR 1022.0	SEA	WIND-FJR	DIPATION 03.4	2 SQUARE 46
LONG 047 53 W	HOURL 11.3	APFA 05	CLUB T/A	CLYTR	CATHER 22	ORIS 11P 117	1 SQUARE 47

CASINO/TIME	LVLTY	DEPTH	TEMP	SAL	SICHA-T	UNDPH	SNO VEL	XYG	P14	TOT P	W2	M03	S133	P4
11.3	STO	00000	25.61	33.48	26.74	00.000	1472.0							
	IBS	00001	25.61	33.477	26.74		1472.0							
	IBS	00007	25.63	33.482	26.74		1472.2							
	STO	00010	25.78	34.08	26.88	00.013	1473.2							
	IBS	00011	25.90	34.165	26.93		1473.8							
	IBS	00017	26.69	34.315	26.94		1477.2							
	STO	00023	27.13	34.38	26.93	00.024	1479.1							
	IBS	00023	27.18	34.485	26.93		1479.3							
	IBS	00026	28.10	34.529	26.91		1483.1							
	STO	00030	28.14	34.54	26.91	00.036	1483.3							
	IBS	00032	28.16	34.547	26.91		1483.5							
	STO	00050	28.30	34.58	26.95	00.059	1483.5							
	IBS	00051	28.09	34.585	26.95		1483.6							
	IBS	00053	28.14	34.593	26.95		1483.3							
	STO	00075	27.90	34.56	26.96	00.086	1483.2							
	IBS	00076	27.80	34.557	26.96		1483.2							
	IBS	00085	28.12	34.640	26.99		1484.3							
	IBS	00396	27.49	34.515	26.99		1481.9							
	IBS	00994	27.41	34.503	26.99		1481.6							
	STO	00100	27.40	34.51	26.99	00.114	1481.6							
	IBS	00104	27.36	34.521	27.01		1481.5							
	IBS	00109	27.13	34.535	27.06		1480.9							
	IBS	00124	29.04	35.094	27.20		1489.0							
	STO	00125	29.16	35.11	27.20	00.130	1489.5							
	IBS	00126	29.30	35.135	27.19		1490.1							
	IBS	00127	29.44	35.152	27.18		1490.7							
	IBS	00147	27.45	35.141	27.17		1490.9							
	IBS	00145	28.97	35.033	27.17		1489.0							
	IBS	00148	28.90	35.005	27.16		1488.8							
	STO	00150	28.37	35.00	27.14	00.162	1488.7							
	IBS	00162	28.62	34.950	27.16		1487.9							
	IBS	00165	28.23	34.990	27.17		1486.6							
	IBS	00170	27.97	34.947	27.18		1485.4							
	IBS	00171	27.66	34.859	27.23		1484.3							
	IBS	00176	27.59	34.854	27.24		1484.0							
	IBS	00195	26.97	34.734	27.23		1481.8							
	IBS	00198	26.75	34.685	27.23		1480.9							
	STO	00207	26.89	34.76	27.26	00.207	1481.6							
	IBS	00205	27.24	34.916	27.34		1483.3							
	IBS	00209	27.20	34.870	27.31		1483.1							
	IBS	00214	26.60	34.747	27.33		1480.7							
	IBS	00218	26.50	34.792	27.33		1480.7							
	IBS	00225	26.21	34.729	27.33		1479.3							
	IBS	00234	26.07 P	34.746	27.360									
	IBS	00237	26.13 P	34.757	27.370									
	IBS	00240	26.07	34.670	27.30		1478.9							
	IBS	00243	25.57	34.615	27.32		1476.8							
	STO	00250	25.40	34.65	27.38	00.247	1476.3							
	IBS	00250	25.40	34.655	27.38		1476.3							
	IBS	00263	25.29	34.667	27.40		1476.1							
	IBS	00267	25.19	34.752	27.45		1476.7							
	IBS	00270	25.62	34.777	27.45		1477.7							
	IBS	00273	25.70	34.74 P	27.410									
	IBS	00282	25.48	34.813	27.43		1479.5							
	IBS	00285	25.55	34.753	27.44		1477.3							
	IBS	00290	25.58	34.794	27.47		1478.0							
	STO	00300	25.50	34.40	27.47	00.282	1478.1							
	IBS	00351	25.65	34.899	27.54		1479.3							
	IBS	00375	25.28	34.870	27.56		1478.2							
	STO	00400	25.21	34.91	27.60	00.342	1478.3							
	IBS	00401	25.20	34.915	27.61		1478.3							
	IBS	00426	25.34	35.036	27.68		1479.5							
	IBS	00450	25.73	35.065	27.66		1481.5							
	IBS	00475	25.13	34.964	27.65		1479.5							
	STO	00500	24.97	34.98	27.68	00.394	1479.1							
	IBS	00500	24.97	34.976	27.68		1479.1							
	IBS	00527	24.90	34.976	27.69		1479.3							
	IBS	00554	24.80	34.967	27.69		1479.3							
	IBS	00543	24.71	34.970	27.71		1479.4							
	STO	00600	24.73	34.98	27.72	00.441	1479.3							
	IBS	00603	24.73	34.986	27.72		1479.8							
	IBS	00622	24.73	34.988	27.72		1480.3							
	IBS	00707	24.69	34.983	27.72		1480.6							
	IBS	00675	24.67	34.979	27.72		1480.0							
	STO	00700	24.53	34.96	27.72	00.489	1480.9							
	IBS	00730	24.52	34.964	27.72		1480.6							
	IBS	00741	24.47	34.964	27.73		1480.8							
	IBS	00747	24.44	34.955	27.73		1481.0							
	IBS	00774	24.32	34.943	27.73		1480.9							
	STO	00800	24.22	34.94	27.73	00.530	1480.9							
	IBS	00800	24.22	34.929	27.73		1480.9							
	IBS	00824	24.13	34.921	27.73		1480.9							
	IBS	00849	24.22	34.927	27.73		1481.7							
	IBS	00873	24.29	34.954	27.74		1482.4							
	STO	00900	24.20	34.93	27.73	00.574	1482.5							
	IBS	00902	24.19	34.934	27.74		1482.5							
	IBS	00925	24.15	34.935	27.74		1482.7							
	IBS	00948	24.10	34.940	27.74		1482.9							
	IBS	00959	24.10	34.932	27.74		1483.1							
	IBS	00999	24.14	34.950	27.75		1484.0							
	STO	01000	24.20	34.95	27.75	00.624	1484.2							
	IBS	01007	24.20	34.950	27.75		1484.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID: A296	YEAR: 1972	STATION: 03593	AIR TEMP: 05.4	WGT: 2	WIND: 13	WAVE: 0.2	WAVE: 1306
CUNSEC: 3038	MO: 04	SHIP: CV	WET: 05.0	27	WIND: 02	WAVE: 0.2	5 SQUARE
LAT: 44 26 N	DAY: 12	DATA USE: 1	BAROMETR: 1022.4	SEA	WIND: 01	WAVE: 0.2	2 SQUARE
LONG: 048 07 W	MO: 13.7	AREA: 05	CLOUD: 1/4	CL/FR	WIND: 01	WAVE: 0.2	1 SQUARE

LAST NAME/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	WYNOPTH	SWO VEL	XYG	P14	TOT P	V12	NO3	S103	P4
13.7	08S	00117	00.87	33.465	26.44		1451.4							
	STN	00020	00.70	33.52	26.90		1450.7							
	08S	00020	00.63	33.529	26.91		1450.7							
	08S	00028	00.92	33.653	26.49		1452.1							
	STN	00030	01.11	33.66	26.90		1453.0							
	08S	00031	01.26	33.673	26.98		1453.7							
	STN	00050	01.79	33.71	26.98		1456.3							
	08S	00051	01.81	33.716	26.98		1456.5							
	08S	00074	02.26	33.797	27.01		1459.0							
	STN	00075	02.24	33.81	27.02		1459.1							
	08S	00077	02.36	33.950	27.04		1459.5							
	08S	00083	02.73	33.997	27.05		1461.3							
	08S	00094	02.66	33.881	27.04		1461.7							
	STN	00100	01.77	33.81	27.06		1457.2							
	08S	00103	01.51	33.785	27.06		1456.1							
	08S	00108	01.65	33.776	27.04		1456.3							
	08S	00114	00.78	33.751	27.03		1453.1							
	STN	00125	00.29	33.97	27.20		1451.1							
	08S	00132	00.31	33.952	27.23		1457.1							
	08S	00149	00.40	33.993	27.29		1452.2							
	STN	00157	00.41	33.99	27.29		1452.2							
	08S	00174	00.94	34.098	27.35		1454.7							
	08S	00186	01.04	34.161	27.39		1455.9							
	STN	00200	01.30	34.23	27.43		1457.4							
	08S	00205	01.47	34.266	27.45		1458.3							
	08S	00221	02.00	34.379	27.49		1461.5							
	STN	00250	03.44	34.53	27.49		1463.0							
	08S	00252	03.47	34.538	27.49		1464.1							
	08S	00267	03.37	34.571	27.53		1467.9							
	08S	00277	03.57	34.747	27.61		1471.0							
	STN	00300	04.75	34.86	27.62		1474.7							
	08S	00312	05.02	34.906	27.67		1476.1							
	08S	00328	05.18	34.937	27.63		1477.1							
	08S	00361	05.29	34.972	27.64		1478.1							
	08S	00390	05.16	34.975	27.66		1478.1							
	STN	00400	05.15	34.98	27.66		1478.2							
	08S	00407	05.14	34.981	27.66		1478.3							
	08S	00422	04.99	34.981	27.68		1477.9							
	08S	00435	04.94	34.990	27.59		1478.1							
	08S	00469	04.88	34.981	27.70		1478.2							
	STN	00500	04.76	34.98	27.71		1478.2							
	08S	00500	04.76	34.981	27.71		1478.2							
	08S	00549	04.73	34.990	27.72		1479.9							
	STN	00600	04.67	35.00	27.74		1479.6							
	08S	00600	04.67	35.001	27.74		1479.6							
	08S	00636	04.54	34.985	27.74		1479.6							
	08S	00678	04.65	35.004	27.74		1480.8							
	08S	00694	04.55	34.985	27.74		1480.6							
	STN	00700	04.54	34.99	27.74		1480.7							
	08S	00749	04.46	34.988	27.75		1481.1							
	STN	00800	04.39	34.99	27.76		1481.7							
	08S	00817	04.36	34.985	27.76		1481.9							
	STN	00900	04.23	34.97	27.76		1482.7							
	08S	00907	04.23	34.970	27.76		1482.7							
	08S	00949	04.14	34.962	27.76		1483.1							
	STN	01000	04.12	34.95	27.76		1483.8							
	08S	01000	04.12	34.950	27.76		1483.8							
	08S	01033	04.07	34.953	27.76		1484.2							
	08S	01251	04.07	34.953	27.76		1484.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 8296	YEAR 1972	SHIP TOP 02900	AIR TEMP 03-9	OIR HGT PFR	WIND-DIR 12	INST STD RECORDER	TEN SQ 1306
CONSEC 0030	MONTH 04	SHIP EV	WET HULR 03.3	28 3 2	WIND-SPO 12	TRACE DIR	5 SQUARE 2
LAT 44 30 N	DAY 12	DATA USE 1	BARO4FTR 1020.0	SEA	WIND-FIR	DURATI IN	2 SQUARE 48
LUN3 049 26 W	HOUR 15.9	APFA 75	CLOUD T/A	CL/18	WEAT4F2 X2	CRIG TIP 110	1 SQUARE 48

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNPTH	SND VEL	OXYG	P1%	TOT P	NO2	NO3	SI33	PH
15.9	STD	00000	00.46	33.26	26.71	00.000	1449.0							
	URS	00000	00.46	33.265	26.71		1449.0							
	STD	00010	00.70	33.40	26.80	00.013	1450.4							
	URS	00015	00.74	33.427	26.82		1450.7							
	STD	00020	00.72	33.41	26.80	00.026	1450.7							
	URS	00021	00.72	33.401	26.80		1450.7							
	URS	00024	00.42	33.508	26.90		1449.5							
	URS	00027	00.60	33.566	26.94		1450.5							
	STD	00030	00.55	33.62	26.98	00.037	1451.4							
	URS	00034	00.47	33.719	27.07		1450.2							
	URS	00039	02.42	33.890	27.07		1459.2							
	URS	00042	02.93	33.910	27.04 *		1461.5							
	STD	00050	03.13	33.96	27.07	00.059	1462.6							
	URS	00059	03.75	33.994	27.03 *		1465.4							
	URS	00063	04.20	33.998	26.99 *		1467.4							
	URS	00071	02.95	33.822	26.97		1462.0							
	STD	00075	03.69	33.84	26.92 *	00.085	1465.2							
	URS	00077	03.81	33.855	26.92		1465.8							
	URS	00086	01.20	33.617	26.94		1454.2							
	URS	00089	00.84	33.783	27.10		1452.9							
	URS	00092	00.61	33.779	27.11		1451.9							
	STD	00100	00.43	33.74	27.09	00.112	1451.2							
	URS	00102	00.36	33.729	27.08		1450.9							
	URS	00106	00.22	33.802	27.15		1450.4							
	URS	00112	00.07	34.040	27.35		1450.1							
	URS	00115	00.50	34.31 P	27.540									
	URS	00118	01.47	34.46 P	27.600									
	URS	00121	02.24	34.49 P	27.570*									
	STD	00125	02.59	34.20	27.31 *	00.134	1461.8							
	URS	00128	02.94	34.294	27.36		1463.1							
	URS	00132	03.05	34.419	27.44		1464.2							
	URS	00134	03.39	34.435	27.42		1465.7							
	URS	00145	03.52	34.40 P	27.380*									
	URS	00148	03.62	34.441	27.40		1466.9							
	STD	00150	03.71	34.46	27.41	00.152	1467.4							
	URS	00154	03.88	34.496	27.42		1468.2							
	URS	00164	03.87	34.53 P	27.450									
	URS	00167	04.13	34.53 P	27.420*									
	URS	00173	04.23	34.531	27.41		1470.1							
	URS	00186	04.21	34.491	27.38 *		1470.1							
	URS	00193	03.53	34.375	27.36		1467.2							
	URS	00196	03.32	34.378	27.38		1466.4							
	STD	00200	03.23	34.38	27.39	00.187	1466.0							
	URS	00200	03.22	34.44 P	27.440									
	URS	00207	04.11	34.53 P	27.420									
	URS	00211	03.49	34.391	27.38 *		1467.4							
	URS	00220	02.22	34.389	27.49		1462.0							
	URS	00224	02.25	34.417	27.51		1462.3							
	URS	00248	02.47	34.503	27.56		1463.7							
	STD	00250	02.51	34.51	27.56	00.219	1463.9							
	URS	00276	02.97	34.613	27.60		1466.5							
	STD	00300	03.20	34.63	27.59	00.246	1467.9							
	URS	00300	03.21	34.632	27.59		1468.0							
	URS	00325	03.40	34.703	27.63		1469.3							
	URS	00349	03.54	34.742	27.65		1470.3							
	URS	00372	03.80	34.806	27.67		1472.0							
	STD	00400	03.92	34.83	27.68	00.295	1472.9							
	URS	00400	03.92	34.835	27.68		1472.9							
	URS	00426	04.10	34.860	27.69		1474.1							
	URS	00453	04.12	34.870	27.69		1474.7							
	URS	00480	04.18	34.888	27.70		1475.4							
	STD	00500	04.15	34.89	27.70	00.340	1475.6							
	URS	00505	04.15	34.889	27.70		1475.7							
	URS	00531	04.17	34.905	27.71		1476.2							
	URS	00556	04.25	34.920	27.72		1477.0							
	URS	00573	04.46	34.978	27.74		1478.2							
	URS	00599	04.62	34.978	27.72		1479.3							
	STD	00600	04.62	34.98	27.72	00.385	1479.3							
	URS	00626	04.56	34.984	27.73		1479.5							
	URS	00651	04.52	34.982	27.74		1479.8							
	URS	00678	04.48	34.978	27.74		1480.0							
	STD	00700	04.45	34.98	27.74	00.430	1480.3							
	URS	00753	04.36	34.975	27.75		1480.8							
	STD	00800	04.26	34.96	27.75	00.474	1481.1							
	URS	00805	04.25	34.960	27.75		1481.2							
	URS	00856	04.12	34.947	27.75		1481.4							
	STD	00900	04.03	34.94	27.76	00.518	1481.8							
	URS	00900	04.02	34.937	27.76		1481.3							
	URS	00950	04.02	34.938	27.76		1482.6							
	URS	00959	04.00	34.940	27.76		1483.3							
	STD	01000	04.00	34.94	27.76	00.562	1483.3							
	URS	01006	03.96	34.936	27.76		1484.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NOBC Listing No. 31-8296.—Continued

REF ID	31 8296	YEAR	1972	BOAT NO	00660	WIND TEMP	02.2	DIR HGT PER		WIND-DIR	12	INST STG	RECORDED	TEN	SD	1305
CYSEC	0040	MONTH	04	SHIP EV		WET BULB	01.1	10 2 2		WIND-SPD	15	TRACE DIR		5	SDJAGE	2
LAT	44 32 N	DAY	12	DATA USE	1	BAROMETR	1014.2	SEA		WIND-FJR		DURATION	07.3	2	SDJAGE	48
LONG	048 52 W	YEAR	1975	AREA	35	CLUB T/A		CL/TW		WFAHET	52	ORIT IIP	110	1	SDJAGE	64

CASINUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VFL	CHYG	P14	TOT P	NO2	NO3	S133	P4
10.8	STN	00000	- 0.59	33.00	26.54	00.000	1443.4							
	RS	00002	- 0.59	32.996	26.54		1443.8							
	STN	00010	- 0.63	32.99	26.54	00.015	1443.9							
	STN	00020	- 0.68	32.98	26.53	00.030	1443.7							
	RS	00024	- 0.70	32.974	26.57		1443.6							
	RS	00027	- 0.83	32.768	26.52		1443.1							
	STN	00030	- 1.00	32.98	26.54	00.045	1442.3							
	RS	00037	- 1.02	32.977	26.54		1442.2							
	STN	00050	- 1.22	33.11	26.65	00.074	1441.9							
	RS	00050	- 1.22	33.107	26.65		1441.8							
	RS	00073	- 1.25	33.134	26.67		1442.1							
	STN	00075	- 1.25	33.14	26.67	00.109	1442.1							
	RS	00098	- 1.23	33.172	26.70		1442.7							
	STN	00100	- 1.23	33.17	26.70	00.143	1442.7							
	STN	00125	- 1.20	33.20	26.72	00.176	1443.3							
	RS	00126	- 1.20	33.199	26.72		1443.3							
	STN	00130	- 1.15	33.21	26.73	00.209	1443.9							
	RS	00152	- 1.15	33.219	26.74		1444.0							
	RS	00173	- 1.19	33.306	26.81		1444.5							
	RS	00189	- 1.03	33.468	26.93		1445.5							
	RS	00197	- 1.43	33.503	26.97		1443.9							
	STN	00200	- 1.44	33.51	26.98	00.269	1443.9							
	RS	00202	- 1.45	33.544	27.01		1443.9							
	RS	00209	- 1.35	33.577	27.03		1444.5							
	RS	00215	- 1.06	33.657	27.09		1444.1							
	RS	00227	00.47	33.785	27.12		1451.5							
	RS	00244	00.01	33.462	27.21		1451.9							
	STN	00250	00.03	33.87	27.21	00.317	1452.0							
	RS	00266	00.24	33.968	27.29		1453.5							
	RS	00271	00.34	33.989	27.29		1453.7							
	RS	00274	00.61	34.137	27.40		1455.4							
	STN	00300	02.22	34.44	27.53	00.353	1463.4							
	RS	00300	02.25	34.443	27.53		1463.6							
	RS	00323	02.45	34.446	27.51		1464.8							
	RS	00344	02.58	34.483	27.53		1465.8							
	RS	00374	02.72	34.510	27.54		1466.9							
	RS	00377	03.11	34.626	27.60		1469.2							
	STN	00400	03.11	34.63	27.60	00.409	1469.2							
	RS	00425	03.44	34.668	27.60		1471.1							
	RS	00449	03.43	34.672	27.60		1471.4							
	RS	00477	03.48	34.722	27.64		1472.1							
	STN	00507	03.57	34.74	27.64	00.460	1473.0							
	RS	00500	03.60	34.744	27.65		1473.1							
	RS	00526	03.92	34.835	27.68		1475.0							
	RS	00557	04.00	34.852	27.69		1475.8							
	RS	00575	03.97	34.858	27.70		1476.0							
	RS	00599	03.99	34.865	27.70		1476.5							
	STN	00603	03.99	34.87	27.70	00.508	1476.5							
	RS	00627	04.00	34.868	27.70		1477.0							
	RS	00651	04.02	34.879	27.71		1477.5							
	RS	00674	04.01	34.875	27.71		1477.9							
	STN	00700	04.08	34.89	27.71	00.554	1478.6							
	RS	00702	04.08	34.891	27.71		1478.6							
	RS	00725	04.07	34.890	27.71		1479.0							
	RS	00751	04.01	34.895	27.72		1479.2							
	RS	00775	03.99	34.897	27.73		1479.5							
	STN	00800	03.97	34.90	27.73	00.600	1479.8							
	RS	00800	03.97	34.895	27.73		1479.8							
	RS	00839	03.97	34.894	27.73		1480.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	ADTDP 00294	AIR TEMP 02.2	DIR HGT PER	WIND-DIR 14	INST STD RECORDER	TEN SQ 1306
CONSEC 0041	MONTH 04	SHIP EV	WET BULB 01.7	10 2 2	WIND-SPO 13	TRACE DIR	5 SQUARE 2
LAT 44 35 N	DAY 12	DATA USE 1	BAROMETER 1017.5	SEA	WIND-FIR	DIRECTION 07.1	2 SQUARE 48
LONG 049 02 W	HOUR 20.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	DRIFT 110 110	1 SQUARE 49

CASSTIME/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P14	TOT P	V02	V03	S133	PH
20.3	STD	00000	- 0.48	32.94	25.49	00.000	1444.2							
	URS	00003	- 0.48	32.943	25.49		1444.3							
	STD	00010	- 0.50	32.93	25.48	00.016	1444.3							
	URS	00011	- 0.55	32.924	25.48		1444.1							
	URS	00014	- 0.74	32.895	25.46		1441.2							
	URS	00017	- 0.94	32.989	25.54		1442.4							
	STD	00020	- 0.99	33.02	26.57	00.031	1442.3							
	URS	00022	- 1.02	33.031	26.58		1442.2							
	STD	00030	- 1.06	33.05	26.60	00.045	1442.2							
	URS	00033	- 1.03	33.049	26.60		1442.2							
	STD	00050	- 1.09	33.06	26.61	00.074	1442.4							
	URS	00052	- 1.09	33.065	26.61		1442.4							
	STD	00075	- 1.15	33.09	26.63	00.110	1442.5							
	URS	00075	- 1.15	33.093	26.63		1442.5							
	STD	00100	- 1.15	33.12	26.65	00.145	1443.0							
	URS	00100	- 1.15	33.117	26.65		1443.0							
	STD	00125	- 1.15	33.16	26.69	00.179	1443.5							
	URS	00125	- 1.15	33.160	26.69		1443.5							
	STD	00150	- 1.21	33.17	26.70	00.213	1443.6							
	URS	00156	- 1.23	33.189	26.71		1443.7							
	URS	00175	- 1.17	33.262	26.77		1444.3							
	STD	00200	- 0.92	33.48	26.94	00.274	1446.2							
	URS	00200	- 0.91	33.488	26.95		1446.3							
	URS	00209	- 0.76	33.604	27.03		1447.3							
	URS	00217	- 0.39	33.689	27.09		1449.3							

REFID 31 8296	YEAR 1972	ADTDP 00062	AIR TEMP 02.2	DIR HGT PER	WIND-DIR 14	INST STD RECORDER	TEN SQ 1306
CONSEC 0042	MONTH 04	SHIP EV	WET BULB 01.7	27 2 2	WIND-SPO 13	TRACE DIR	5 SQUARE 2
LAT 44 36 N	DAY 12	DATA USE 1	BAROMETER 1009.5	SEA	WIND-FIR	DIRECTION 07.1	2 SQUARE 48
LONG 049 03 W	HOUR 21.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X5	DRIFT 110 110	1 SQUARE 49

CASSTIME/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P14	TOT P	V02	V03	S133	PH
21.1	STD	00000	- 0.41	32.94	26.49	00.000	1444.5							
	URS	00000	- 0.41	32.944	26.49		1444.6							
	STD	00010	- 0.44	32.93	26.47	00.016	1444.5							
	STD	00020	- 0.47	32.91	26.46	00.031	1444.5							
	STD	00030	- 0.51	32.90	26.46	00.047	1444.5							
	URS	00036	- 0.53	32.894	26.45		1444.5							
	URS	00039	- 0.86	32.393	26.46		1443.0							
	URS	00042	- 0.99	33.016	26.57		1442.6							
	URS	00044	- 1.02	33.063	26.61		1442.7							
	STD	00050	- 1.02	33.07	26.61	00.077	1442.7							
	URS	00059	- 1.02	33.075	26.62		1442.7							
	URS	00155	- 1.02	33.084	26.62		1442.9							

REFID 31 8296	YEAR 1972	ADTDP 00062	AIR TEMP 03.9	DIR HGT PER	WIND-DIR 11	INST STD RECORDER	TEN SQ 1306
CONSEC 0043	MONTH 04	SHIP EV	WET BULB 01.9	10 3 2	WIND-SPO 23	TRACE DIR	5 SQUARE 2
LAT 44 39 N	DAY 12	DATA USE 1	BAROMETER 1007.4	SEA	WIND-FIR	DIRECTION 07.1	2 SQUARE 48
LONG 049 14 W	HOUR 21.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X5	DRIFT 110 110	1 SQUARE 49

CASSTIME/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P14	TOT P	V02	V03	S133	PH
21.9	STD	00000	- 0.29	32.95	26.49	00.000	1445.1							
	URS	00000	- 0.29	32.950	26.49		1445.1							
	STD	00010	- 0.30	32.95	26.49	00.016	1445.2							
	URS	00010	- 0.30	32.955	26.49		1445.2							
	URS	00015	- 0.32	32.955	26.49		1445.2							
	STD	00020	- 0.55	32.92	25.47	00.031	1444.2							
	URS	00020	- 0.55	32.920	25.47		1444.2							
	URS	00025	- 0.94	33.060	26.60		1442.7							
	STD	00030	- 0.99	33.09	26.63	00.045	1442.6							
	URS	00030	- 0.99	33.095	26.63		1442.6							
	STD	00050	- 0.97	33.09	26.63	00.074	1442.7							
	URS	00050	- 0.99	33.095	26.63		1442.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID	31	8296	YEAR	1972	STATION	00062	AIR TEMP	01.7	DIR HGT PER	WIND-DIR	31	INST STD RECORDER	TEN SQ	1306
CONSEC		0044	MONTH	04	SHIP EV		WET BULB	01.1	27 2 2	WIND-SPD	25	TRACE DIR	0	5 SQUARE 2
LAT	44	39 N	DAY	12	DATA USE	1	BAROMETER	1007.1	SEA	WIND-FJR		DURATION	00.1	2 SQUARE 49
LONG	069	23 W	HOUR	22.6	AREA	05	CLOUD T/A		CL/TR	WEATHER	X1	ORIG IIP	110	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	XYG	PJ4	TOT P	NO2	NO3	SIG3	P4
	STD	00000	- 0.27	32.97	26.50	00.007	1445.2							
22.6	DBS	00100	- 0.27	32.970	26.50		1445.2							
	STD	00010	- 0.27	32.98	26.51	00.015	1445.4							
	DBS	00010	- 0.27	32.980	26.51		1445.4							
	STD	00020	- 0.27	32.98	26.51	00.031	1445.6							
	DBS	00020	- 0.27	32.980	26.51		1445.6							
	STD	00030	- 0.54	33.31	26.55	00.045	1444.5							
	DBS	00030	- 0.54	33.310	26.55		1444.5							
	STD	00050	- 0.62	33.33	26.57	00.075	1444.5							
	DBS	00050	- 0.62	33.330	26.57		1444.5							

REFID	31	8296	YEAR	1972	STATION	00049	AIR TEMP	02.2	DIR HGT PER	WIND-DIR	31	INST STD RECORDER	TEN SQ	1306
CONSEC		0045	MONTH	04	SHIP EV		WET BULB	01.7	32 5 3	WIND-SPD	15	TRACE DIR	0	5 SQUARE 2
LAT	44	02.04 N	DAY	16	DATA USE	1	BAROMETER	1010.5	SEA	WIND-FJR		DURATION	00.1	2 SQUARE 48
LONG	069	27.06 W	HOUR	13.4	AREA	05	CLOUD T/A		CL/TR	WEATHER	X1	ORIG IIP	110	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	XYG	PJ4	TOT P	NO2	NO3	SIG3	P4
	STD	00000	00.03	33.04	26.55	00.000	1446.7							
13.4	DBS	00000	00.03	33.044	26.55		1446.7							
	DBS	00007	00.03	33.034	26.54		1446.7							
	STD	00010	00.00	33.04	26.55	00.015	1446.7							
	DBS	00010	00.00	33.039	26.55		1446.7							
	DBS	00013	- 0.01	33.037	26.55		1446.7							
	STD	00020	- 0.00	33.04	26.54	00.030	1446.9							
	DBS	00023	00.00	33.036	26.54		1447.0							
	STD	00030	- 0.01	33.03	26.54	00.045	1447.0							
	DBS	00030	- 0.01	33.035	26.54		1447.0							
	DBS	00039	- 0.01	33.037	26.55		1447.2							
	DBS	00044	- 0.01	33.001	26.52		1447.2							

REFID	31	8296	YEAR	1972	STATION	00040	AIR TEMP	03.3	DIR HGT PER	WIND-DIR	31	INST STD RECORDER	TEN SQ	1306
CONSEC		0046	MONTH	04	SHIP EV		WET BULB	02.8	32 5 3	WIND-SPD	15	TRACE DIR	0	5 SQUARE 2
LAT	43	59 N	DAY	15	DATA USE	1	BAROMETER	1011.5	SEA	WIND-FJR		DURATION	00.1	2 SQUARE 28
LONG	069	18 W	HOUR	14.2	AREA	05	CLOUD T/A		CL/TR	WEATHER	X1	ORIG IIP	110	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	XYG	PJ4	TOT P	NO2	NO3	SIG3	P4
	STD	00000	- 0.34	33.03	26.55	00.003	1445.3							
14.2	DBS	00000	- 0.34	33.027	26.55		1445.3							
	DBS	00009	- 0.34	33.027	26.55		1445.1							
	STD	00010	- 0.34	33.03	26.55	00.015	1445.1							
	STD	00020	- 0.38	33.03	26.55	00.030	1445.1							
	DBS	00020	- 0.38	33.027	26.55		1445.1							
	STD	00030	- 0.39	33.02	26.55	00.045	1445.2							
	DBS	00030	- 0.37	33.023	26.55		1445.2							
	DBS	00038	- 0.40	33.028	26.56		1445.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
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REFID 31 8296	YEAR 1972	BOTDP 00091	AIR TEMP 03.9	DIP HGT PER	WIND-DIP 31	INST STO RECORDER	TEN SQ 1306
CONSEC 0047	MONTH 04	SHIP EV	WET BULB 03.3	32 5 3	WIND-SPD 13	TRACE DIR 0	5 SQUARE 2
LAT 43 57 N	DAY 16	DATA USE 1	BAROMETR 1010.8	SEA	WIND-FIR	DURATION 07.1	2 SQUARE 28
LONG 049 10 W	HOUR 15.3	AREA 05	CLOUD T/A	CL/TR	WEATHER XL	ORIG TIP 110	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	XYG	P14	TOT P	N02	N03	S113	P4
15.3	STD	00000	- 0.62	33.01	26.55	00.000	1443.7							
	DRS	00000	- 0.62	33.010	26.55		1443.7							
	ORS	00008	- 0.62	33.010	26.55		1443.8							
	STD	00010	- 0.64	33.00	26.54	00.015	1443.7							
	DRS	00010	- 0.64	33.000	26.54		1443.7							
	STD	00020	- 0.64	33.01	26.55	00.030	1443.9							
	DRS	00020	- 0.64	33.010	26.55		1443.9							
	STD	00030	- 0.67	33.01	26.55	00.045	1443.9							
	DRS	00030	- 0.67	33.010	26.55		1443.9							
	DRS	00040	- 0.69	33.010	26.55		1444.0							
	STD	00050	- 0.73	33.01	26.55	00.075	1444.0							
	DRS	00050	- 0.73	33.010	26.55		1444.0							
	DRS	00064	- 1.11	33.110	26.65		1442.6							
	STD	00075	- 1.13	33.15	26.68	00.110	1442.7							
	DRS	00075	- 1.13	33.150	26.68		1442.7							
	DRS	00080	- 1.05	33.170	26.69		1443.2							

REFID 31 8296	YEAR 1972	BOTDP 00289	AIR TEMP 03.3	DIP HGT PER	WIND-DIP 31	INST STO RECORDER	TEN SQ 1306
CONSEC 0048	MONTH 04	SHIP EV	WET BULB 02.8	32 5 3	WIND-SPD 15	TRACE DIR 0	5 SQUARE 2
LAT 43 54 N	DAY 16	DATA USE 1	BAROMETR 1010.8	SEA	WIND-FIR	DURATION 07.1	2 SQUARE 28
LONG 049 32 W	HOUR 15.3	AREA 05	CLOUD T/A	CL/TR	WEATHER XL	ORIG TIP 110	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	XYG	P14	TOT P	N02	N03	S113	P4
16.3	STD	00000	- 0.87	32.98	26.53	00.000	1442.5							
	DRS	00000	- 0.87	32.980	26.53		1442.5							
	STD	00010	- 0.88	32.98	26.53	00.015	1442.6							
	DRS	00010	- 0.88	32.980	26.53		1442.6							
	STD	00020	- 0.88	32.98	26.53	00.030	1442.7							
	DRS	00020	- 0.88	32.980	26.53		1442.7							
	STD	00030	- 0.90	32.98	26.54	00.045	1442.8							
	DRS	00030	- 0.90	32.980	26.54		1442.8							
	DRS	00040	- 0.95	33.000	26.55		1442.8							
	STD	00050	- 0.96	33.00	26.56	00.075	1442.9							
	DRS	00050	- 0.96	33.005	26.56		1442.9							
	DRS	00063	- 0.96	33.010	26.56		1443.1							
	STD	00075	- 1.12	33.06	26.61	00.112	1442.6							
	DRS	00075	- 1.12	33.060	26.61		1442.6							
	DRS	00085	- 1.27	33.230	26.75		1442.3							
	STD	00100	- 1.15	33.32	26.82	00.145	1443.3							
	DRS	00100	- 1.15	33.320	26.82		1443.3							
	DRS	00120	03.66	33.920	26.90		1465.8							
	STD	00125	02.35	33.60	26.85 *	00.176	1460.0							
	DRS	00135	00.45	33.480	26.88		1451.5							
	DRS	00140	- 0.15	33.580	26.99		1448.9							
	STD	00150	00.14	33.69	27.06	00.203	1453.6							
	DRS	00150	00.14	33.590	27.06		1450.6							
	DRS	00162	00.34	33.680	27.05		1451.7							
	DRS	00165	- 0.50	33.640	27.05		1447.8							
	DRS	00175	- 0.34	33.660	27.06		1446.9							
	DRS	00185	- 0.30	33.710	27.10		1449.2							
	STD	00200	00.46	33.91	27.22	00.250	1453.2							
	DRS	00200	00.46	33.910	27.22		1453.2							
	DRS	00225	00.91	34.035	27.30		1455.8							
	DRS	00240	01.22	34.115	27.34		1457.5							
	STD	00250	01.23	34.12	27.34	00.290	1457.8							
	DRS	00250	01.23	34.120	27.34		1457.8							
	DRS	00260	01.26	34.160	27.37		1458.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
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REFID 31 8296	YEAR 1972	HUTDP 00674	AIR TEMP 03.3	OIR HGT PER	WIND-OIR 3)	INST STO RECDORER	TEN S2 1306
CONSEC 0049	MONTH 04	SHIP EV	WET BULB 02.8	32 4 2	WIND-SPD 15	TRACF OIR 0	5 SQUARE 2
LAT 43 53 N	DAY 16	DATA USE 1	BAROMETR 1009.8	SEA	WIND-FJR	DURATI ON 03.2	2 SQUARE 28
LONG 069 56 W	MOONR 17.3	AREA 05	CLOUD T/A	CL/TIR	WEATHER X?	DRIT IIP 110	1 SQUARE 39

CASNUM/TIME	CLUTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	P14	TOT P	NO2	NO3	S173	PH
17.3	STP	00000	01.56	33.29	26.66	00.000	1454.0							
	URS	00000	01.56	33.290	26.66		1454.0							
	URS	00004	01.00	33.260	26.67		1451.5							
	STP	00010	01.54	33.28	26.65	00.014	1454.1							
	URS	00014	01.60	33.320	26.68		1454.5							
	STP	00020	01.55	33.28	26.65 *	00.029	1454.2							
	URS	00020	01.55	33.280	26.65		1454.2							
	STP	00030	00.81	33.49	26.86	00.041	1451.4							
	URS	00030	00.81	33.490	26.86		1451.4							
	STP	00050	- 0.62	33.43	26.89	00.065	1445.1							
	URS	00050	- 0.62	33.43	26.89		1445.1							
	STP	00075	03.69	33.94	27.00	00.093	1465.3							
	URS	00075	03.69	33.940	27.00		1465.3							
	STP	00087	03.77	33.970	27.01		1465.9							
	URS	00087	03.77	33.970	27.01		1465.9							
	STP	00100	01.81	33.70	26.96 *	00.120	1457.3							
	URS	00125	- 0.24	33.56	26.98	00.147	1448.3							
	STP	00125	- 0.24	33.560	26.98		1448.3							
	URS	00131	- 0.61	33.570	27.00		1446.7							
	STP	00146	01.61	33.760	27.03		1457.2							
	URS	00146	01.61	33.760	27.03		1457.2							
	STP	00150	00.61	33.77	27.10	00.173	1452.8							
	URS	00150	00.61	33.77	27.10		1452.8							
	STP	00159	- 0.07	33.890	27.16		1449.9							
	URS	00159	- 0.07	33.890	27.16		1449.9							
	STP	00164	00.47	33.880	27.20		1452.7							
	URS	00164	00.47	33.880	27.20		1452.7							
	STP	00179	00.14	33.880	27.22		1451.3							
	URS	00179	00.14	33.880	27.22		1451.3							
	STP	00200	01.09	34.12	27.35	00.216	1456.3							
	URS	00200	01.09	34.120	27.35		1456.3							
	STP	00250	01.82	34.31	27.45	00.250	1460.6							
	URS	00250	01.82	34.310	27.45		1460.6							
	STP	00281	02.32	34.430	27.51		1463.5							
	URS	00281	02.32	34.430	27.51		1463.5							
	STP	00298	02.34	34.480	27.55		1463.9							
	URS	00298	02.34	34.480	27.55		1463.9							
	STP	00300	02.41	34.52	27.58	00.280	1464.3							
	URS	00300	02.41	34.52	27.58		1464.3							
	STP	00304	02.79	34.580	27.59		1466.1							
	URS	00304	02.79	34.580	27.59		1466.1							
	STP	00306	03.10	34.600	27.58		1467.5							
	URS	00306	03.10	34.600	27.58		1467.5							
	STP	00332	05.04	34.900	27.61		1476.5							
	URS	00332	05.04	34.900	27.61		1476.5							
	STP	00358	05.32	34.950	27.62		1478.2							
	URS	00358	05.32	34.950	27.62		1478.2							
	STP	00400	05.26	34.99	27.66	00.331	1478.7							
	URS	00400	05.26	34.990	27.66		1478.7							
	STP	00464	05.03	34.945	27.65		1479.0							
	URS	00464	05.03	34.945	27.65		1479.0							
	STP	00495	04.83	34.960	27.68		1478.4							
	URS	00495	04.83	34.960	27.68		1478.4							
	STP	00500	04.83	34.97	27.70	00.379	1478.5							
	URS	00500	04.83	34.975	27.70		1478.5							
	STP	00515	04.84	34.970	27.69		1478.8							
	URS	00515	04.84	34.970	27.69		1478.8							
	STP	00552	04.51	34.920	27.69		1478.0							
	URS	00552	04.51	34.920	27.69		1478.0							
	STP	00560	04.23	34.890	27.70		1476.9							
	URS	00560	04.23	34.890	27.70		1476.9							
	STP	00600	04.07	34.89	27.71	00.425	1476.9							
	URS	00600	04.07	34.890	27.71		1476.9							
	STP	00654	04.05	34.895	27.72		1477.7							
	URS	00654	04.05	34.895	27.72		1477.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
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REFID 31 R296 YEAR 1972 RNTDP 02542 AIP TEMP 03.9 DIR HGT PER WIND-DIR 33 INST STO RECORDER TEN S2 1306
CONSEC 0050 MONTH 04 SHIP FV WET HULH 03.3 32 3 2 WIND-SPD 13 TRACE DIR 5 SQUARE 2
LAT 43 43.0N DAY 16 DATA USE 1 PARQ4ETP 1010.2 SEA WIND-FOR DIRECTION 03.1 2 SQUARE 28
LONG 048 34.0W HOUR 19.3 AREA 05 CLOUD T/A CL/TB WEATHER XI WIND 110 110 1 SQUARE 39

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	XYG	PER	TOT P	WGT	WIND	S173	P4
19.3	STO	00000	03.70	33.67	26.78	00.000	1463.9							
	DBS	00000	03.70	33.670	26.78		1463.8							
	STO	00010	03.70	33.67	26.78	00.013	1464.0							
	DBS	00010	04.70	33.670	26.78		1464.0							
	STO	00020	03.70	33.67	26.78	00.026	1464.1							
	DBS	00020	03.70	33.670	26.78		1464.1							
	STO	00030	03.68	33.67	26.78	00.038	1464.2							
	DBS	00030	03.68	33.670	26.78		1464.2							
	STO	00050	03.68	33.69	26.80	00.064	1464.5							
	DBS	00050	03.68	33.690	26.80		1464.5							
	STO	00062	03.67	33.700	26.81		1464.7							
	DBS	00075	03.10	33.64	26.81	00.095	1462.4							
	STO	00100	02.36	33.94	27.12		1462.4							
	DBS	00100	02.36	33.940	27.12	00.123	1460.0							
	STO	00102	02.31	33.950	27.13		1460.0							
	DBS	00102	02.31	33.950	27.13		1459.9							
	STO	00125	02.98	34.32	27.37	00.144	1463.7							
	DBS	00125	02.98	34.320	27.37		1463.7							
	STO	00150	03.49	34.48	27.45	00.161	1466.5							
	DBS	00150	03.49	34.480	27.45		1466.5							
	STO	00180	04.10	34.660	27.53		1463.8							
	DBS	00180	04.10	34.660	27.53		1470.0							
	STO	00200	04.34	34.76	27.58	00.191	1471.3							
	DBS	00200	04.34	34.760	27.58		1471.3							
	STO	00250	04.73	34.88	27.63	00.217	1473.9							
	DBS	00250	04.73	34.880	27.63		1473.9							
	STO	00300	04.79	34.94	27.67	00.241	1475.0							
	DBS	00300	04.79	34.940	27.67		1475.0							
	STO	00340	05.13	35.020	27.70		1477.2							
	DBS	00340	05.13	35.020	27.70		1477.2							
	STO	00400	04.86	34.99	27.70	00.286	1477.0							
	DBS	00400	04.86	34.990	27.70		1477.0							
	STO	00460	04.89	34.980	27.69		1478.1							
	DBS	00460	04.89	34.980	27.69		1478.1							
	STO	00500	04.71	34.98	27.71	00.331	1478.0							
	DBS	00500	04.71	34.980	27.71		1478.0							
	STO	00500	04.38	34.96	27.74	00.375	1478.3							
	DBS	00500	04.38	34.960	27.74		1478.3							
	STO	00700	04.28	34.96	27.75	00.418	1479.5							
	DBS	00700	04.28	34.960	27.75		1479.5							
	STO	00800	04.32	34.98	27.76	00.462	1481.4							
	DBS	00800	04.32	34.980	27.76		1481.4							
	STO	00900	04.13	34.95	27.75	00.506	1482.2							
	DBS	00900	04.13	34.950	27.75		1482.2							
	STO	01000	03.95	34.93	27.76	00.550	1483.1							
	DBS	01000	03.95	34.935	27.76		1483.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
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PEFLD 31 8296	YEAR 1972	RGTOP 030R3	DIR TEMP 02.8	DIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN SQ 1306
CONSFL 0051	MONTH 04	SHIP EV	WET SULB 01.7	32 1 2	WIND-SPO 13	TRACE DIR	5 SQUARE 2
LAT 43 35 N	DAY 16	DATA USE 1	SAW-MFTR 1009.8	SFA	WIND-FJR	DURATION 03.1	2 SQUARE 28
LONG 040 14 W	HOUP 21.6	AREA 05	CLOUD TPA	CL/TR	WEATHER 31	ORIS IIP 117	1 SQUARE 38

CASSTIME/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	CHYG	P34	TOT P	NO2	NO3	SIC3	P4
21.6	STO	00300	04.14	33.09	25.28	00.000	1464.9							
	DBS	00002	04.14	33.090	25.28		1464.9							
	DBS	00009	04.14	33.087	25.27		1465.0							
	STO	00010	04.14	33.09	25.27	00.018	1465.0							
	DBS	00014	04.14	33.093	25.28		1465.1							
	STO	00020	04.14	33.09	25.28	00.035	1465.2							
	DBS	00020	04.14	33.092	25.28		1465.2							
	DBS	00024	04.14	33.082	25.27		1465.3							
	STO	00030	04.10	33.69	26.76	00.050	1466.0							
	DBS	00030	04.10	33.691	26.76		1466.0							
	DBS	00035	04.07	33.683	26.75		1466.0							
	DBS	00043	04.01	33.688	26.76		1465.9							
	STO	00050	03.94	33.69	26.77	00.076	1465.7							
	DBS	00054	03.89	33.687	25.78		1465.5							
	DBS	00062	04.19	33.960	26.96		1467.3							
	DBS	00069	03.82	33.916	26.76		1465.8							
	STO	00075	03.26	33.99	27.08	00.105	1463.6							
	DBS	00083	02.85	34.068	27.18		1462.1							
	DBS	00091	02.95	34.097	27.19		1462.7							
	DBS	00097	02.48	34.062	27.20		1460.7							
	STO	00100	02.55	34.13	27.25	00.128	1461.1							
	DBS	00100	02.56	34.135	27.26		1461.7							
	DBS	00119	03.45	34.269	27.28		1465.5							
	STO	00125	03.42	34.29	27.30	00.148	1465.5							
	DBS	00130	03.40	34.328	27.33		1465.5							
	DBS	00137	03.38	34.405	27.40		1465.7							
	STO	00150	03.76	34.46	27.40	00.167	1467.6							
	DBS	00150	03.78	34.460	27.40		1467.7							
	DBS	00159	04.14	34.514	27.41		1469.4							
	DBS	00164	04.21	34.506	27.39		1469.8							
	DBS	00185	04.95	34.692	27.46		1473.4							
	STO	00200	05.10	34.70	27.45	00.201	1474.3							
	DBS	00225	05.35	34.831	27.52		1475.9							
	DBS	00238	05.94	34.955	27.55		1478.7							
	STO	00250	05.71	34.92	27.55	00.232	1477.9							
	DBS	00250	05.71	34.919	27.55		1477.9							
	DBS	00267	05.45	34.891	27.56		1477.1							
	DBS	00291	04.63	34.817	27.59		1474.0							
	STO	00300	04.80	34.89	27.63	00.259	1475.0							
	DBS	00300	04.82	34.894	27.63		1475.1							
	DBS	00321	04.94	34.900	27.62		1476.1							
	DBS	00329	04.84	34.891	27.63		1475.6							
	DBS	00341	05.01	34.934	27.64		1476.7							
	DBS	00361	04.85	34.932	27.66		1476.3							
	DBS	00368	05.06	34.960	27.66		1477.3							
	DBS	00381	04.84	34.917	27.65		1476.5							
	DBS	00393	04.99	34.956	27.66		1477.4							
	STO	00400	04.90	34.95	27.67	00.308	1477.1							
	DBS	00450	04.47	34.928	27.70		1476.1							
	STO	00500	04.42	34.92	27.70	00.355	1476.8							
	DBS	00500	04.42	34.921	27.70		1476.8							
	DBS	00551	04.54	34.961	27.72		1478.1							
	DBS	00584	04.32	34.922	27.71		1477.7							
	DBS	00599	04.46	34.926	27.70		1478.6							
	STO	00600	04.46	34.93	27.70	00.407	1478.6							
	DBS	00641	04.45	34.935	27.71		1479.2							
	STO	00700	04.15	34.89	27.70	00.449	1478.9							
	DBS	00700	04.15	34.885	27.70		1478.9							
	DBS	00749	04.14	34.919	27.73		1479.7							
	STO	00800	04.11	34.92	27.73	00.495	1480.4							
	DBS	00801	04.11	34.922	27.73		1480.5							
	DBS	00847	04.06	34.917	27.74		1481.0							
	STO	00900	04.01	34.91	27.74	00.540	1481.7							
	DBS	00900	04.01	34.912	27.74		1481.7							
	DBS	00950	03.98	34.909	27.74		1482.4							
	DBS	00995	03.92	34.904	27.74		1482.9							
	STO	01000	03.92	34.90	27.74	00.586	1482.9							
	DBS	01062	03.89	34.906	27.74		1483.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

RFFID 31 9296	YEAR 1972	ROTID 03658	AIR TEMP 07.0	DIR MGT PER	WIND-DIR 20	INST STD RECORDER	TEN S2 1306
CONSEC 0052	MONTH 04	SHIP EV	WET HULB 01.7	34 3 2	WIND-SPO 03	TRACE DIR 0	5 SQUARE 2
LAT 43 23 N	DAY 16	DATA USE 1	BAROMETR 1007.8	SEA	WIND-FJR	DURATION 01.3	2 SQUARE 26
LONG 047 53 W	HOUR 23.9	AREA 05	CLOUD T/4	CL/TR	WEATHER 1	ORIG IIP 110	1 SQUARE 37

CSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	JXYG	P34	TOT P	V02	V03	S133	P4
23.9	STO	00000	06.33	34.11	26.83	00.000	1475.2							
	DBS	00000	06.33	34.110	26.83		1475.2							
	STO	00010	06.50	34.20	26.88	00.012	1476.2							
	DBS	00010	06.50	34.200	26.88		1476.2							
	STO	00020	07.02	34.30	26.88	00.024	1478.5							
	STO	00030	07.33	34.35	26.88	00.036	1480.0							
	DBS	00030	07.33	34.350	26.88		1480.0							
	DBS	00040	07.42	34.360	26.88		1480.5							
	STO	00050	07.41	34.36	26.88	00.059	1480.6							
	DBS	00050	07.41	34.360	26.88		1480.6							
	STO	00075	04.55	34.09	27.03	00.087	1469.2							
	DBS	00075	04.55	34.090	27.03		1469.2							
	DBS	00090	03.88	34.160	27.15		1466.7							
	STO	00100	05.73	34.59	27.29	00.111	1475.1							
	STO	00125	06.25	34.66	27.27	00.131	1477.7							
	DBS	00125	06.25	34.660	27.27		1477.7							
	DBS	00131	05.50	34.460	27.21 *		1474.5							
	STO	00150	05.12	34.46	27.26	00.152	1473.3							
	DBS	00150	05.12	34.460	27.26		1473.3							
	DBS	00157	05.23	34.460	27.24		1474.0							
	DBS	00170	04.38	34.460	27.34		1470.5							
	DBS	00180	04.23	34.430	27.33		1470.0							
	STO	00200	07.43	35.07	27.43	00.190	1484.1							
	DBS	00200	07.43	35.070	27.43		1484.1							
	STO	00250	06.29	34.91	27.46	00.224	1480.2							
	DBS	00250	06.29	34.910	27.46		1480.2							
	DBS	00270	06.35	34.930	27.47		1480.3							
	STO	00300	04.35	34.64	27.48	00.257	1472.8							
	DBS	00300	04.35	34.640	27.48		1472.8							
	DBS	00108	04.20	34.660	27.52		1472.3							
	DBS	00160	04.80	34.860	27.61		1475.9							
	DBS	00333	05.62	35.000	27.62		1479.8							
	STO	00400	05.56	34.99	27.62	00.315	1479.9							
	DBS	00400	05.56	34.990	27.62		1479.9							
	DBS	00430	05.39	35.030	27.67		1479.7							
	DBS	00450	05.64	35.050	27.66		1481.1							
	STO	00500	05.19	35.00	27.67	00.367	1480.0							
	DBS	00500	05.19	35.000	27.67		1480.0							
	DBS	00550	04.81	34.970	27.69		1479.3							
	STO	00600	04.72	34.96	27.70	00.415	1479.7							
	DBS	00600	04.72	34.960	27.70		1479.7							
	DBS	00640	04.51	34.960	27.72		1479.5							
	STO	00700	04.55	34.98	27.73	00.461	1480.7							
	DBS	00700	04.55	34.980	27.73		1480.7							
	STO	00800	04.34	34.94	27.72	00.507	1481.4							
	DBS	00800	04.34	34.940	27.72		1481.4							
	DBS	00840	04.41	34.975	27.74		1482.4							
	STO	00900	04.33	34.97	27.75	00.553	1483.1							
	DBS	00900	04.33	34.970	27.75		1483.1							
	STO	01000	04.17	34.95	27.75	00.598	1484.1							
	DBS	01000	04.17	34.955	27.75		1484.1							
	DBS	01050	04.14	34.960	27.76		1484.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296. —Continued

REFID	31	8296	YFAR	1972	0010P	03612	AIR TEMP	04.4	DIR HGT PER	#140-DIR 1)	INST ST) RECDNOER	TEN 52 1376	
CDNSEC		0053	MONTH	04	SHIP EV		WFT GULR	03.9	34 3 2	#140-SPD 1)	TRACF 01R	5 SQUARE 2	
LAT	43	19	N	04Y	17	DATA USE	1	BARDMETR	1007.1	SEA	WIND-FJR	00.2	5 SQUARE 26
LONG	067	28	W	MOUR	02.7	AWLA	05	CLOUD) TYA		CL/TR	WEATHER) XI	NO IG 11P 119	1 SQUARE 37

CASSTNUM/TIME	LVL/TYPE	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	3XYG	PJ4	TOT P	V32	V03	S133	P4
02.7	STD	00000	11.48	35.13	26.81	00.000	1495.8							
	D85	00000	11.48	35.135	26.81		1495.8							
	STD	00010	11.49	35.13	26.81	00.012	1496.0							
	STD	00020	11.50	35.13	26.81	00.025	1496.2							
	D85	00024	11.50	35.135	26.81		1496.3							
	STD	00030	11.50	35.14	26.81	00.038	1496.4							
	STD	00050	11.49	35.14	26.81	00.063	1496.7							
	D85	00050	11.49	35.139	26.81		1496.7							
	D85	00066	11.44	35.113	26.80		1496.8							
	STD	00075	09.95	34.81	26.83	00.094	1491.2							
	D85	00080	09.30	34.691	26.85		1488.7							
	D85	00091	08.56	34.574	26.87		1486.0							
	STD	00100	08.32	34.62	26.94	00.124	1485.3							
	D85	00100	08.32	34.616	26.94		1485.3							
	D85	00124	08.20	34.604	26.95		1485.2							
	STD	00125	08.28	34.62	26.95	00.152	1485.6							
	D85	00141	08.85	34.770	26.98		1488.2							
	D85	00143	08.74	34.771	27.00		1487.8							
	STD	00150	09.95	35.11	27.07	00.179	1492.8							
	D85	00155	10.60	35.297	27.10		1495.5							
	D85	00170	10.57	35.304	27.11		1495.6							
	D85	00178	10.11	35.198	27.11		1496.0							
	D85	00184	10.16	35.235	27.13		1496.3							
	D85	00196	09.61	35.13 P	27.14Q									
	D85	00199	09.59	35.188	27.19		1492.4							
	STD	00200	09.62	35.20	27.19	00.228	1492.5							
	D85	00202	09.69	35.209	27.19		1492.8							
	D85	00205	09.63	35.148	27.15		1492.6							
	D85	00214	08.61	34.995	27.20		1488.7							
	D85	00217	08.58	34.969	27.18		1488.7							
	D85	00223	07.94	34.898	27.22		1486.2							
	D85	00226	08.04	34.965	27.26		1486.7							
	D85	00240	07.90	34.960	27.28		1486.4							
	D85	00247	08.36	35.108	27.32		1488.5							
	D85	00249	08.40	35.083	27.30		1488.6							
	STD	00250	08.40	35.08	27.29	00.273	1488.6							
	D85	00252	08.40	35.047	27.27		1488.7							
	D85	00256	08.21	34.95 P	27.22Q									
	D85	00258	07.94	34.88 P	27.21Q									
	D85	00261	07.69	35.030	27.36		1486.1							
	D85	00264	07.88	35.049	27.35		1486.9							
	D85	00273	07.79	34.997	27.32		1486.6							
	STD	00300	07.11	34.88	27.33	00.314	1484.3							
	D85	00300	07.11	34.885	27.33		1484.3							
	D85	00305	06.97	34.943	27.40		1483.9							
	D85	00309	07.08	34.956	27.39		1484.4							
	D85	00325	06.75	34.907	27.40		1483.3							
	D85	00340	06.80	34.976	27.45		1483.8							
	D85	00349	07.08	35.020	27.44		1485.1							
	D85	00357	06.32	34.910	27.46		1482.1							
D85	00359	07.04	34.999	27.43		1485.1								
D85	00371	06.37	34.900	27.45		1482.5								
D85	00387	06.19	34.874	27.45		1482.0								
D85	00390	06.04	34.905	27.49		1481.5								
D85	00399	06.30	35.001	27.54		1482.9								
STD	00400	06.32	35.00	27.53	00.385	1482.9								
D85	00402	06.37	34.995	27.52		1483.2								
D85	00418	05.98	34.903	27.50		1481.8								
D85	00424	05.72	34.869	27.51		1480.8								
D85	00434	05.36	34.873	27.55		1479.5								
D85	00449	05.40	34.887	27.56		1479.9								
D85	00455	05.53	34.920	27.57		1480.6								
D85	00473	05.09	34.848	27.57		1479.0								
D85	00499	04.74	34.834	27.60		1477.9								
STD	00500	04.74	34.83	27.60	00.444	1478.0								
D85	00523	04.85	34.909	27.64		1478.9								
D85	00539	05.39	35.014	27.66		1481.5								
D85	00549	05.26	34.984	27.65		1481.1								
D85	00576	05.25	35.008	27.67		1481.5								
STD	00600	05.01	34.97	27.67	00.497	1480.9								
D85	00600	05.01	34.968	27.67		1480.9								
D85	00624	05.01	34.989	27.69		1481.3								
D85	00649	04.86	34.964	27.68		1481.1								
D85	00676	04.78	34.965	27.69		1481.2								
D85	00698	04.72	34.969	27.70		1481.3								
STD	00700	04.72	34.97	27.70	00.546	1481.4								
D85	00726	04.74	34.984	27.71		1481.9								
D85	00749	04.72	34.981	27.71		1482.2								
D85	00773	04.69	34.985	27.72		1482.5								
STD	00800	04.65	34.98	27.72	00.594	1482.8								
D85	00800	04.65	34.978	27.72		1482.8								
D85	00825	04.56	34.977	27.73		1482.8								
D85	00844	04.52	34.997	27.75		1483.1								
D85	00874	04.59	34.989	27.73		1483.8								
D85	00899	04.59	34.999	27.74		1484.2								
STD	00900	04.59	35.00	27.74	00.641	1484.2								
D85	00927	04.43 P	34.986	27.85Q										
D85	00950	04.50	35.009	27.76		1484.7								
STD	01000	04.16	34.99	27.79	00.685	1484.1								
D85	01026	04.12	34.951	27.76		1484.3								
D85	01056	04.18	34.91 P	27.72Q										

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TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 9296	YEAR 1972	BOATID 03759	AIR TEMP 06.7	OIR HGT PER	WIND-OIR 03	INST STO RECORDER	TFN S2 1306
CCNSEC 0054	MONTH 04	SHIP EV	WFT BULR 06.7	34 4 2	WIND-SPO 15	TRACF OIR 0	5 SQUARE 2
LAT 43 10.0N	DAY 17	DATA USE 1	BAROMETR 1007.4	SEA	WIND-FJB	DURATION 00.2	2 SQUARE 26
LONG 047 00.0W	HOUR 05.4	AREA 05	CLOUD TRA	CL/TR	WEATHER KS	ORIG IIP 110	1 SQUARE 37

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	CHYG	PJ4	TOT P	VO2	NO3	S133	P4
05.4	STD	00000	09.93	34.66	26.72	00.000	1489.7							
	DBS	00000	09.93	34.664	26.72		1489.7							
	DBS	00005	10.20	34.787	26.77		1490.9							
	STD	00010	10.26	34.78	26.75	00.013	1491.2							
	DBS	00014	10.31	34.778	26.74		1491.5							
	DBS	00019	10.35	34.785	26.74		1491.7							
	STD	00023	10.35	34.78	26.74	00.026	1491.7							
	DBS	00023	10.35	34.784	26.74		1491.8							
	STD	00030	10.37	34.78	26.73	00.039	1492.0							
	DBS	00035	10.39	34.777	26.73		1492.1							
	STD	00050	10.40	34.78	26.73	00.066	1492.4							
	DBS	00058	10.40	34.782	26.73		1492.5							
	DBS	00064	10.44	34.811	26.75		1492.8							
	DBS	00074	10.07	34.793	26.80		1491.6							
	STD	00075	09.97	34.78	26.80	00.099	1491.2							
	DBS	00087	08.14	34.537	26.91		1484.3							
	DBS	00092	08.17	34.583	26.94		1484.6							
	DBS	00099	08.75	35.00 P	27.180									
	STD	00100	08.92	34.82	27.01 *	00.128	1487.8							
	DBS	00104	09.42	34.891	26.98 *		1489.8							
	DBS	00112	09.51	34.902	26.98		1490.3							
	DBS	00118	09.45	34.853	26.95 *		1490.1							
	DBS	00123	09.10	34.753	26.93		1488.8							
	STD	00125	09.02	34.75	26.94	00.156	1489.5							
	DBS	00128	08.85	34.755	26.97		1487.9							
	DBS	00132	08.16	34.706	27.04		1485.3							
	DBS	00137	08.67	35.14 P	27.300									
	STD	00150	08.75	34.83	27.04 *	00.183	1488.0							
	DBS	00158	09.25	35.26 P	27.300									
	DBS	00166	09.94	35.15 P	27.100*									
	DBS	00177	10.29 P	35.22 P	27.090									
	DBS	00198	08.92	34.959	27.12		1489.6							
	STD	00200	08.98	34.96	27.12	00.234	1489.5							
	DBS	00206	08.76	34.952	27.14		1499.1							
	DBS	00226	09.29	35.101	27.17		1491.6							
	DBS	00247	08.83	34.980	27.15		1490.1							
	STD	00250	08.83	35.00	27.16	00.283	1490.1							
	DBS	00272	08.79	35.088	27.24		1490.5							
	DBS	00290	08.65	35.086	27.26		1490.3							
	STD	00300	08.65	35.09	27.27	00.329	1490.4							
	DBS	00300	08.65	35.095	27.27		1490.4							
	DBS	00316	08.15	35.040	27.30		1488.7							
	DBS	00330	08.34	35.092	27.31		1480.8							
	DBS	00350	07.56	34.977	27.34		1486.9							
	DBS	00375	06.24	34.755	27.35		1481.9							
	STD	00400	06.48	34.86	27.40	00.410	1483.4							
	DBS	00407	06.55	34.890	27.41		1483.8							
	DBS	00431	05.17	34.651	27.40		1478.4							
	DBS	00454	04.68	34.633	27.44		1476.7							
	DBS	00473	05.33	34.806	27.50		1479.9							
	DBS	00487	04.96	34.747	27.50		1478.5							
	STD	00500	05.17	34.84	27.55	00.478	1479.7							
	DBS	00501	05.19	34.847	27.55		1479.8							
	DBS	00512	05.01	34.844	27.57		1479.3							
	DBS	00528	05.23	34.885	27.58		1480.5							
	DBS	00555	05.11	34.879	27.59		1480.5							
	DBS	00578	05.35	34.956	27.62		1481.9							
	DBS	00589	05.20	34.943	27.63		1481.5							
	STD	00600	05.24	34.96	27.64	00.535	1481.8							
	DBS	00605	05.25	34.972	27.64		1482.0							
	DBS	00654	04.99	34.972	27.68		1481.7							
	DBS	00680	05.64	35.091	27.69		1485.0							
	STD	00700	05.57	35.08	27.69	00.587	1485.0							
	DBS	00700	05.47	35.083	27.69		1485.0							
	DBS	00747	05.38	35.074	27.71		1485.0							
	STD	00800	05.05	35.03	27.71	00.636	1484.4							
	DBS	00800	05.04	35.028	27.71		1484.4							
	DBS	00843	04.77	35.008	27.73		1484.0							
	DBS	00890	04.69	35.008	27.74		1484.6							
	STD	00900	04.69	35.01	27.74	00.684	1484.6							
	STD	01000	04.53	34.98	27.74	00.732	1485.6							
	DBS	01001	04.53	34.984	27.74		1485.6							
	DBS	01052	04.36	34.976	27.75		1485.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—(Continued)

REFID 31 8296	YEAR 1972	BOATID 03733	AIR TEMP 06.1	DIR HGT PER	WIND-DIR 33	INST STD RECORDER	TEMP SJ 1306
CONSEC 0055	MONTH 04	SHIP EV	WET BULB 05.6	53 5 4	WIND-SPD 40	TRACE DIR 0	5 SQUARE 2
LAT 42 10 N	DAY 17	DATA USE 1	BAROMETR 0998.0	SEA	WIND-FIR	DUPATITION 09.9	2 SQUARE 26
LONG 047 40 W	HOOR 12.7	AREA 05	CLOUD T/A	CL/FR	WIND-MET 31	DPIC TIP 110	1 SQUARE 27

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	S40 VEL	XYG	PJ4	TOT P	ND2	N03	S133	P4
12.7	STD	00000	08.04	34.32	26.75	00.000	1482.2							
	08S	00000	08.04	34.320	26.75		1482.2							
	STD	00010	08.04	34.32	26.76	00.013	1482.4							
	08S	00010	08.04	34.325	26.76		1482.4							
	STD	00020	08.09	34.37	26.79	00.026	1482.8							
	08S	00020	08.09	34.370	26.79		1482.8							
	STD	00030	08.73	34.38	26.99	00.038	1477.7							
	08S	00030	08.73	34.380	26.99		1477.7							
	08S	00040	06.93	34.540	27.08		1479.0							
	STD	00050	06.67	34.49	27.08	00.058	1477.9							
	08S	00065	06.38	34.450	27.09		1476.9							
	STD	00075	06.41	34.49	27.12	00.083	1477.3							
	STD	00100	06.48	34.58	27.18	00.107	1478.1							
	08S	00100	06.48	34.580	27.18		1478.1							
	STD	00125	07.04	34.66	27.17	00.130	1480.8							
	08S	00125	07.04	34.660	27.17		1480.8							
	STD	00150	04.25	34.41	27.31	00.151	1469.6							
	08S	00150	04.25	34.410	27.31		1469.6							
	STD	00200	04.03	34.48	27.39	00.188	1469.6							
	08S	00200	04.03	34.480	27.39		1469.6							
	STD	00250	04.10	34.60	27.48	00.222	1470.9							
	08S	00250	04.10	34.600	27.48		1470.9							
	STD	00300	04.58	34.72	27.52	00.253	1473.8							
	08S	00300	04.58	34.720	27.52		1473.8							
	08S	00340	06.12	35.030	27.58		1481.2							
	08S	00390	05.00	34.920	27.63		1477.3							
	STD	00400	05.05	34.94	27.64	00.309	1477.7							
	08S	00400	05.05	34.940	27.64		1477.7							
	08S	00420	05.74	35.070	27.66		1481.0							
	08S	00455	05.72	35.080	27.67		1481.5							
	STD	00500	05.13	35.02	27.70	00.358	1479.8							
	08S	00500	05.13	35.020	27.70		1479.8							
	STD	00600	04.83	35.01	27.73	00.403	1480.2							
	08S	00600	04.83	35.015	27.73		1480.2							
	STD	00700	04.46	34.98	27.74	00.448	1480.3							
	08S	00700	04.46	34.980	27.74		1480.3							
	08S	00740	04.51	34.980	27.74		1481.2							
	08S	00759	04.35	34.980	27.75		1480.8							
	STD	00800	04.46	35.00	27.76	00.491	1482.0							
	08S	00300	04.46	35.000	27.76		1482.0							
	08S	00830	04.55	35.020	27.76		1482.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 8296	YEAR 1972	BOAT 03550	AIR TEMP 06.7	DIR HGT PER	WIND-DIR 07	INST STD RECORDER	TEN SQ 1306
CONSFC 0056	MONTH 04	SHIP EV	WET RULB 05.6	02 9 4	WIND-SPO 17	TRACE DIR 0	5 SQUARE 2
LAT 42 25 N	DAY 17	DATA USE 1	BAROMETR 1006.4	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 28
LONG 049 00 W	HOUR 22.3	AREA 05	CLOUD T/4	CL/TR	WEATHER XL	ORIG IIP 110	1 SQUARE 28

CASINUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	3XYG	P34	TOT P	NO2	NO3	S133	P4
22.3	STD	00000	03.93	33.77	26.84	00.000	1465.1							
	085	00000	03.98	33.775	26.84		1465.1							
	STD	00010	04.00	33.77	26.83	00.012	1465.4							
	085	00010	04.00	33.775	26.83		1465.4							
	STD	00020	04.15	33.84	26.87	00.024	1466.3							
	085	00020	04.15	33.840	26.87		1466.3							
	STD	00030	04.68	33.94	26.89	00.036	1468.8							
	085	00030	04.68	33.940	26.89		1468.8							
	STD	00040	06.31	34.21	26.91	00.059	1476.1							
	085	00050	06.31	34.210	26.91		1476.1							
	STD	00075	06.28	34.24	26.94	00.089	1476.4							
	085	00100	06.26	34.26	26.96	00.116	1476.8							
	STD	00100	06.26	34.265	26.96		1476.8							
	STD	00125	05.52	34.38	27.14	00.142	1474.4							
	085	00125	05.52	34.380	27.14		1474.4							
	STD	00150	05.00	34.43	27.25	00.165	1472.7							
	085	00150	05.00	34.430	27.25		1472.7							
	STD	00200	05.74	34.54	27.25	00.208	1476.7							
	085	00250	05.98	34.68	27.32	00.249	1478.7							
	STD	00250	05.98	34.680	27.32		1478.7							
	085	00300	05.71	34.84	27.48	00.285	1478.6							
	STD	00300	05.71	34.840	27.48		1478.6							
	085	00340	04.44	34.620	27.46		1473.8							
	085	00380	04.46	34.690	27.51		1474.6							
	STD	00400	04.71	34.79	27.56	00.346	1476.1							
	085	00400	04.71	34.790	27.56		1476.1							
	085	00450	04.56	34.870	27.64		1476.9							
	STD	00500	04.64	34.91	27.67	00.400	1477.6							
	085	00500	04.64	34.910	27.67		1477.6							
	085	00560	04.69	34.950	27.69		1478.9							
	085	00580	04.60	34.935	27.69		1478.8							
	STD	00600	04.72	34.98	27.71	00.447	1479.7							
	085	00600	04.72	34.980	27.71		1479.7							
	085	00620	04.93	35.015	27.72		1481.0							
	085	00630	04.60	34.980	27.73		1480.6							
	STD	00700	04.80	35.03	27.74	00.492	1481.8							
	085	00700	04.80	35.030	27.74		1481.8							
	085	00780	04.42	34.975	27.74		1481.5							
	STD	00800	04.60	35.01	27.75	00.537	1482.6							
	085	00800	04.60	35.010	27.75		1482.6							
	STD	00900	04.35	34.98	27.76	00.581	1483.2							
	085	00900	04.35	34.985	27.76		1483.2							
	STD	01000	04.28	34.98	27.76	00.626	1484.6							
	085	01000	04.28	34.980	27.76		1484.6							
	085	01050	04.23	34.970	27.76		1485.2							

TABLE XIII. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 8296.- Continued

REFID 31 8296	YEAR 1972	BO TOP 03199	AIR TEMP 06.1	DIP MGT PFR	WIND-OFR 05	INST STD RECORDFR	TEN 50 1306
CONSEC 0057	MONTH 04	SHIP EV	WET BULB 05.6	02 7 5	WIND-SPD 05	TRACE DIR 0	5 SQUARE 2
LAT 42 36 N	DAY 18	DATA USE 1	BAROMETER 1007.1	SEA	WIND-FOR	ORRATON 00.2	2 SQUARE 28
LONG 048 24 W	HOHR 01.0	AREA 05	CLOUD T/A	CLYR	WEATHER X1	ORIG 11P 220	1 SQUARE 29

CSTN/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	0YNDPTH	SND VEL	CHYG	P74	TOT P	V02	V03	S103	P4
01.0	STO	00000	04.25	33.70	26.75	00.000	1466.2							
	08S	00000	04.25	33.700	26.75		1466.2							
	STO	00010	04.27	33.68	26.73	00.013	1466.4							
	08S	00010	04.27	33.680	26.73		1466.4							
	STO	00020	04.21	33.67	26.73	00.026	1466.3							
	08S	00020	04.21	33.670	26.73		1466.3							
	STO	00030	04.08	33.63	26.71	00.040	1465.8							
	08S	00030	04.08	33.625	26.71		1465.8							
	STO	00050	01.60	33.40	26.74	00.066	1455.1							
	08S	00050	01.60	33.400	26.74		1455.1							
	08S	00060	00.63	33.560	26.93		1451.2							
	08S	00062	00.92	33.700	27.03		1452.7							
	08S	00070	00.66	33.710	27.05		1451.7							
	STO	00075	00.76	33.75	27.08	00.095	1452.3							
	08S	00075	00.76	33.750	27.08		1452.3							
	STO	00100	02.19	34.06	27.23	00.118	1459.5							
	08S	00100	02.19	34.060	27.23		1459.5							
	STO	00125	05.73	34.68	27.36	00.138	1475.6							
	08S	00125	05.73	34.680	27.36		1475.6							
	STO	00150	06.33	34.82	27.39	00.157	1478.6							
	08S	00150	06.33	34.820	27.39		1478.6							
	08S	00190	06.65	34.890	27.40		1480.6							
	STO	00200	05.54	34.66	27.36 *	00.193	1476.0							
	08S	00210	04.98	34.580	27.37		1473.8							
	08S	00221	05.01	34.660	27.43		1474.2							
	STO	00250	05.04	34.73	27.48	00.228	1474.9							
	08S	00250	05.43 P	34.95 P	27.610									
	08S	00272	05.06	34.780	27.52 *		1475.4							
	08S	00275	05.23	34.820	27.53		1476.2							
	08S	00285	04.98	34.770	27.52		1475.3							
	STO	00300	05.20	34.88	27.58	00.258	1476.6							
	08S	00300	05.20	34.895	27.58		1476.6							
	08S	00305	05.34	34.880	27.56		1477.3							
	08S	00322	05.35	34.870	27.55		1477.6							
	08S	00329	04.90	34.775	27.53		1475.7							
	08S	00350	05.12	34.870	27.58		1477.1							
	STO	00400	04.86	34.88	27.61	00.312	1476.9							
	08S	00400	04.86	34.875	27.61		1476.9							
	08S	00405	04.81	34.890	27.63		1476.8							
	08S	00470	05.13	34.945	27.64		1479.2							
	STO	00500	05.11	35.01	27.69	00.363	1479.7							
	08S	00500	05.11	35.010	27.69		1479.7							
	08S	00530	04.89	35.010	27.72		1479.3							
	STO	00600	04.90	35.02	27.72	00.409	1480.5							
	08S	00600	04.90	35.020	27.72		1480.5							
	08S	00650	04.35	34.980	27.75		1479.0							
	08S	00660	04.50	34.995	27.75		1479.8							
	STO	00700	04.20	34.94	27.74	00.454	1479.2							
	08S	00700	04.20	34.940	27.74		1479.2							
	STO	00800	04.10	34.94	27.75	00.497	1480.4							
	08S	00800	04.10	34.940	27.75		1480.4							
	STO	00900	04.03	34.93	27.75	00.541	1481.8							
	08S	00900	04.03	34.935	27.75		1481.8							
	STO	01000	03.96	34.94	27.76	00.585	1483.2							
	08S	01000	03.96	34.940	27.76		1483.2							
	08S	01080	03.92	34.940	27.77		1484.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NOBC Listing No. 31-8296.—Continued

REF ID 31 4296	YEAR 1977	STATION 02683	AIR TEMP 05.0	DIR HGT PER	WIND-DIR 09	INST STD RECORDER	TEN 52 1306
CONSEC 005R	MONTH 04	SHIP EV	WET SURF 05.0	02 6 5	WIND-SPD 13	TRACE DIR 3	5 SQUARE 2
LAT 42 48 N	DAY 19	DATA USE 1	BAROMETER 1005.1	SF4	WIND-FJR	DURATION 00.2	2 SQUARE 28
LONG 048 40 W	HOUR 03.1	AREA 05	CLCUD T/A	CL/TR	WEATHER X1	DRIG 110 110	1 SQUARE 28

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SND VEL	DOY G	PJ4	TOT P	V02	V03	S133	P4
03.1	STD	00000	03.65	33.69	26.80	00.000	1463.6							
	DRS	00000	03.65	33.690	26.80		1463.6							
	STD	00010	03.66	33.69	26.80	00.013	1463.8							
	DRS	00010	03.66	33.690	26.80		1463.8							
	STD	00020	03.66	33.69	26.80	00.025	1464.0							
	DRS	00020	03.66	33.690	26.80		1464.0							
	STD	00030	03.66	33.69	26.81	00.038	1464.2							
	DRS	00030	03.66	33.695	26.81		1464.2							
	STD	00050	03.67	33.70	26.81	00.063	1464.5							
	DRS	00050	03.67	33.700	26.81		1464.5							
	STD	00075	02.85	33.65	26.85	00.094	1461.4							
	DRS	00075	02.85	33.655	26.85		1461.4							
	STD	00100	02.21	33.98	27.16	00.120	1459.4							
	DRS	00100	02.21	33.980	27.16		1459.4							
	STD	00125	03.56	34.18	27.20	00.143	1465.9							
	DRS	00125	03.56	34.18	27.20	00.164	1468.2							
	STD	00150	03.95	34.31	27.26		1468.2							
	DRS	00150	03.95	34.310	27.26		1468.2							
	STD	00165	03.72	34.360	27.33		1467.5							
	DRS	00165	03.72	34.360	27.33		1467.5							
	STD	00200	04.55	34.63	27.45	00.202	1471.9							
	DRS	00200	04.55	34.625	27.45		1471.9							
	STD	00212	04.68	34.650	27.46		1472.7							
	DRS	00212	04.68	34.650	27.46		1472.7							
	STD	00218	04.59	34.640	27.46		1472.4							
	DRS	00218	04.59	34.640	27.46		1472.4							
	STD	00250	05.06	34.79	27.52	00.233	1475.1							
	DRS	00250	05.06	34.790	27.52		1475.1							
	STD	00270	05.11	34.830	27.55		1475.7							
	DRS	00270	05.11	34.830	27.55		1475.7							
	STD	00280	05.08	34.835	27.56		1475.7							
	DRS	00280	05.08	34.835	27.56		1475.7							
	STD	00300	05.53	35.01	27.64	00.261	1478.1							
	DRS	00300	05.53	35.010	27.64		1478.1							
	STD	00310	05.01	34.955	27.66		1477.1							
	DRS	00310	05.01	34.955	27.66		1477.1							
	STD	00400	04.88	34.93	27.66	00.310	1477.0							
	DRS	00400	04.88	34.935	27.66		1477.0							
	STD	00410	04.85	34.955	27.68		1477.1							
	DRS	00410	04.85	34.955	27.68		1477.1							
	STD	00423	05.14	34.980	27.66		1478.5							
	DRS	00423	05.14	34.980	27.66		1478.5							
	STD	00445	05.07	34.980	27.67		1478.6							
	DRS	00445	05.07	34.980	27.67		1478.6							
	STD	00455	04.70	34.970	27.71		1477.2							
	DRS	00455	04.70	34.970	27.71		1477.2							
	STD	00490	04.68	34.950	27.69		1477.7							
	DRS	00490	04.68	34.950	27.69		1477.7							
	STD	00500	04.58	34.94	27.70	00.358	1477.4							
	DRS	00500	04.58	34.945	27.70		1477.4							
	STD	00530	04.49	34.940	27.71		1477.5							
	DRS	00530	04.49	34.940	27.71		1477.5							
	STD	00570	04.19	34.910	27.72		1476.9							
	DRS	00570	04.19	34.910	27.72		1476.9							
	STD	00600	04.18	34.91	27.72	00.403	1477.4							
	DRS	00600	04.18	34.915	27.72		1477.4							
	STD	00640	04.11	34.930	27.74		1477.9							
	DRS	00640	04.11	34.930	27.74		1477.9							
	STD	00678	04.44	34.955	27.72		1479.8							
	DRS	00678	04.44	34.955	27.72		1479.8							
	STD	00700	04.40	35.000	27.76		1479.8							
	DRS	00700	04.40	35.000	27.76		1479.8							
	STD	00700	04.52	34.99	27.74	00.447	1480.6							
	DRS	00700	04.52	34.990	27.74		1480.6							
	STD	00800	04.31	34.93	27.72	00.492	1481.3							
	DRS	00800	04.31	34.930	27.72		1481.3							
	STD	00803	04.25	34.950	27.74		1481.1							
	DRS	00803	04.25	34.950	27.74		1481.1							
	STD	00820	04.30	34.970	27.75		1481.6							
	DRS	00820	04.30	34.970	27.75		1481.6							
	STD	00830	04.24	34.965	27.75		1481.5							
	DRS	00830	04.24	34.965	27.75		1481.5							
	STD	00850	04.27	34.970	27.76		1482.0							
	DRS	00850	04.27	34.970	27.76		1482.0							
	STD	00900	04.05	34.94	27.75	00.538	1481.9							
	DRS	00900	04.05	34.940	27.75		1481.9							
	STD	00907	04.05	34.970	27.78		1482.0							
	DRS	00907	04.05	34.970	27.78		1482.0							
	STD	00910	04.08	34.970	27.78		1482.2							
	DRS	00910	04.08	34.970	27.78		1482.2							
	STD	00947	04.02	34.955	27.77		1482.5							
	DRS	00947	04.02	34.955	27.77		1482.5							
	STD	00950	04.06	34.960	27.77		1482.8							
	DRS	00950	04.06	34.960	27.77		1482.8							
	STD	00980	04.10	34.965	27.77		1483.4							
	DRS	00980	04.10	34.965	27.77		1483.4							
	STD	01000	04.10	34.94	27.75	00.582	1483.8							
	DRS	01000	04.10	34.945	27.75		1483.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOATOP 01935	AIR TEMP 05.0	OIR HGT PER	WIND-OIR 11	INST STO RECORDER	TEN SQ 1306
CONSEC 0059	MONTH 04	SHIP FV	WFT BULB 04.4	03 2 3	WIND-SPO 23	TRACE OIR	5 SQUARE 2
LAT 43 00 N	DAY 14	DATA USE 1	BAROMETR 1007.4	SEA	WIND-FOR	DIRECTION 00.1	2 SQUARE 28
LONG 048 55 W	HOOR 05.3	AREA . 05	CLOUD T/A	CL/TR	WEATHER X7	ORIG IIP 110	1 SQUARE 38

CAS	NUM	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	XYG	PJ4	TOT P	NO2	NO3	SIG3	PA
			STO	00000	03.62	33.70	26.81	00.000	1463.5							
05.3			085	00000	03.62	33.700	26.81		1463.5							
			STO	00010	03.62	33.70	26.81	00.012	1463.7							
			085	00010	03.62	33.700	26.81		1463.7							
			STO	00020	03.62	33.70	26.81	00.025	1463.8							
			085	00020	03.62	33.700	26.81		1463.8							
			STO	00030	03.59	33.70	26.82	00.037	1463.9							
			085	00030	03.59	33.700	26.82		1463.9							
			STO	00050	02.83	33.73	26.91	00.061	1461.0							
			085	00050	02.83	33.730	26.91		1461.0							
			085	00064	02.33	33.880	27.07		1459.2							
			STO	00075	02.40	33.95	27.12	00.088	1459.8							
			085	00075	02.40	33.950	27.12		1459.8							
			085	00089	02.56	34.070	27.20		1460.9							
			085	00093	02.43	34.060	27.21		1460.4							
			STO	00100	02.51	34.13	27.26	00.110	1460.9							
			085	00100	02.51	34.130	27.26		1460.9							
			085	00109	02.67	34.170	27.27		1461.8							
			085	00122	02.89	34.270	27.33		1463.1							
			STO	00125	02.88	34.25	27.32	00.130	1463.1							
			085	00125	02.88	34.255	27.32		1463.1							
			085	00130	02.81	34.215	27.30		1462.9							
			STO	00150	03.98	34.47	27.39	00.149	1468.5							
			085	00150	03.98	34.470	27.39		1468.5							
			085	00161	04.27	34.480	27.37		1469.9							
			085	00180	04.52	34.580	27.42		1471.4							
			STO	00200	04.53	34.56	27.40	00.184	1471.8							
			085	00200	04.53	34.560	27.40		1471.8							
			085	00203	04.45	34.610	27.45		1471.6							
			085	00215	04.90	34.775	27.53		1473.8							
			085	00230	04.93	34.800	27.55		1474.2							
			085	00242	05.12	34.860	27.57		1475.3							
			STO	00250	05.12	34.87	27.58	00.215	1475.4							
			085	00250	05.12	34.870	27.58		1475.4							
			085	00267	05.12	34.880	27.59		1475.7							
			STO	00300	05.75	35.04	27.64	00.242	1479.1							
			085	00300	05.75	35.040	27.64		1479.1							
			085	00310	05.62	35.020	27.64		1478.7							
			085	00328	05.66	35.030	27.64		1479.1							
			085	00367	04.98	34.950	27.66		1476.9							
			STO	00400	04.82	34.96	27.69	00.290	1476.8							
			085	00400	04.82	34.960	27.69		1476.8							
			085	00430	04.72	34.925	27.67		1476.8							
			STO	00500	04.02	34.90	27.73	00.335	1475.0							
			085	00500	04.02	34.900	27.73		1475.0							
			STO	00600	03.97	34.91	27.74	00.378	1476.5							
			085	00600	03.97	34.910	27.74		1476.5							
			STO	00700	03.96	34.92	27.75	00.420	1478.1							
			085	00700	03.96	34.920	27.75		1478.1							
			085	00730	04.02	34.930	27.75		1479.7							
			STO	00800	04.00	34.92	27.75	00.463	1480.0							
			085	00800	04.00	34.925	27.75		1480.0							
			085	00811	03.98	34.920	27.75		1480.1							
			STO	00900	04.00	34.94	27.76	00.507	1481.7							
			085	00900	04.00	34.940	27.76		1481.7							
			STO	01000	03.89	34.92	27.76	00.550	1482.8							
			085	01000	03.89	34.925	27.76		1482.8							
			085	01053	03.86	34.925	27.76		1483.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTOP 01132	AIR TEMP 03.4	DIR HGT PER	WIND-DIR 10	INST STD RECORDER	TEN SJ 1306
CONSEC 0060	MONTH 04	SHIP EV	WET BULB 03.3	73 3 2	WIND-SPD 20	TRACE DIR 0	5 SQUARE 2
LAT 43 08 N	DAY 18	DATA USE 1	BAROMETR 1001.0	SEA	WIND-FJR	DURATION 00.2	2 SQUARE 28
LONG 049 07 W	MOHR 07.3	AREA 05	CLUD T/F	CL/TR	WEATHER XS	ORIG IIP 110	1 SQUARE 39

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	WYNDRPTH	SPD VEL	OKYG	PJ4	TOT P	NO2	NO3	S133	PH
07.3	STD	00000	03.93	33.79	25.86	00.000	1464.9							
	085	00000	03.93	33.795	26.86		1464.9							
	STD	00010	03.92	33.79	26.86	00.012	1465.1							
	085	00010	03.92	33.795	26.86		1465.1							
	STD	00020	03.31	33.80	26.93	00.024	1462.6							
	085	00020	03.31	33.805	26.93		1462.6							
	STD	00030	03.38	34.02	27.09	00.034	1463.4							
	085	00030	03.38	34.025	27.09		1463.4							
	085	00048	03.55	34.020	27.07		1464.4							
	STD	00050	03.61	34.03	27.08	00.054	1464.7							
	085	00061	03.84	34.075	27.09		1465.9							
	STD	00075	03.84	34.10	27.11	00.079	1466.2							
	085	00075	03.84	34.105	27.11		1466.2							
	085	00091	03.86	34.100	27.11		1466.4							
	STD	00100	03.89	34.22	27.20	00.102	1467.0							
	085	00100	03.89	34.225	27.20		1467.0							
	085	00110	04.43	34.350	27.25		1469.6							
	085	00117	04.43	34.360	27.25		1469.7							
	STD	00125	04.72	34.46	27.30	00.123	1471.2							
	085	00125	04.72	34.465	27.30		1471.2							
	085	00129	04.76	34.460	27.30		1471.4							
	085	00136	04.45	34.420	27.30		1470.2							
	085	00140	04.46	34.500	27.36		1470.4							
	STD	00150	04.87	34.58	27.38	00.142	1472.4							
	085	00150	04.87	34.580	27.38		1472.4							
	085	00177	04.90	34.615	27.40		1473.0							
	085	00180	04.85	34.640	27.43		1472.9							
	085	00195	05.02	34.680	27.44		1473.9							
	STD	00200	04.21	34.56	27.44	00.177	1470.4							
	085	00215	02.86	34.405	27.45		1464.7							
	085	00225	02.86	34.470	27.50		1465.0							
	STD	00250	03.40	34.59	27.54	00.208	1467.9							
	085	00250	03.40	34.590	27.54		1467.9							
	085	00254	03.33	34.580	27.54		1467.6							
	STD	00300	04.07	34.76	27.61	00.235	1471.8							
	085	00300	04.07	34.765	27.61		1471.8							
	085	00305	04.21	34.800	27.63		1472.5							
	085	00314	04.16	34.820	27.65		1472.5							
	085	00360	04.30	34.845	27.65		1473.8							
	085	00380	04.29	34.860	27.67		1474.1							
	STD	00400	04.34	34.88	27.68	00.284	1474.7							
	085	00400	04.34	34.880	27.68		1474.7							
	085	00430	04.40	34.900	27.69		1475.5							
	085	00470	04.37	34.910	27.70		1476.0							
	STD	00500	04.33	34.91	27.70	00.330	1476.4							
	085	00500	04.33	34.910	27.70		1476.4							
	085	00512	04.32	34.910	27.70		1476.5							
	085	00520	04.25	34.910	27.71		1476.4							
	085	00560	04.25	34.910	27.71		1477.0							
	STD	00600	04.14	34.91	27.72	00.375	1477.2							
	085	00600	04.14	34.910	27.72		1477.2							
	085	00640	04.05	34.905	27.73		1477.5							
	085	00690	04.05	34.910	27.73		1478.3							
	STD	00700	04.09	34.92	27.73	00.420	1478.7							
	085	00700	04.09	34.920	27.73		1478.7							
	085	00720	04.09	34.910	27.73		1479.0							
	085	00740	04.07	34.910	27.73		1479.3							
	STD	00800	04.02	34.91	27.73	00.464	1480.0							
	085	00800	04.02	34.910	27.73		1480.0							
	085	00840	03.99	34.910	27.74		1480.6							
	STD	00900	03.98	34.91	27.74	00.509	1481.5							
	085	00900	03.98	34.910	27.74		1481.5							
	085	00940	03.98	34.915	27.74		1482.2							
	STD	01000	04.02	34.92	27.75	00.555	1483.4							
	085	01000	04.02	34.925	27.75		1483.4							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NOIC Listing No. 31–8296.—Continued

REFID 31 9296	YEAR 1972	BOATOP 00585	AIR TEMP 02.2	OIR HGT PER	WIND-OIR 11	INST STO RECORDER	TEN SO 1306
CONSEC 0061	MONTH 04	SHIP EV	WET BULB 02.2	06 4 3	WIND-SPD 25	TRACE OIR 0	5 SQUARE 2
LAT 43 19 N	DAY 18	DATA USE 1	BAROMETR 0997.6	SEA	WIND-FIR	DURATION 00.1	2 SQUARE 28
LONG 049 20 W	HOUR 09.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X5	ORIG IIP 110	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	P34	TOT P	N02	N03	S133	P4
09.2	STO	00000	- 0.71	32.97	26.52	00.000	1443.2							
	ORS	00000	- 0.71	32.975	26.52		1443.2							
	STO	00010	- 0.71	32.97	26.52	00.015	1443.4							
	ORS	00010	- 0.71	32.975	26.52		1443.4							
	STO	00020	- 0.74	32.98	26.53	00.030	1443.4							
	ORS	00020	- 0.74	32.980	26.53		1443.4							
	URS	00025	- 0.90	32.950	26.51		1442.7							
	STO	00030	- 0.98	33.01	26.57	00.045	1442.5							
	ORS	00030	- 0.98	33.015	26.57		1442.5							
	STO	00050	- 1.17	33.13	26.67	00.074	1442.1							
	ORS	00050	- 1.17	33.135	26.67		1442.1							
	URS	00055	- 1.20	33.165	26.69		1442.1							
	STO	00075	- 1.22	33.24	26.76	00.107	1442.4							
	ORS	00075	- 1.22	33.240	26.76		1442.4							
	STO	00100	- 1.20	33.27	26.78	00.139	1443.0							
	ORS	00100	- 1.20	33.275	26.78		1443.0							
	STO	00125	- 1.18	33.34	26.84	00.170	1443.6							
	ORS	00125	- 1.18	33.345	26.84		1443.6							
	URS	00132	- 1.18	33.480	26.95		1443.9							
	STO	00150	00.85	33.59	26.94	00.199	1453.7							
	ORS	00150	00.85	33.590	26.94		1453.7							
	URS	00160	00.21	33.600	26.99		1450.9							
	URS	00170	- 0.25	33.560	25.98		1448.9							
	ORS	00177	- 0.45	33.590	27.01		1448.2							
	STO	00200	00.27	33.84	27.18	00.253	1452.2							
	ORS	00200	00.27	33.840	27.18		1452.2							
	STO	00250	01.56	34.22	27.40	00.290	1459.4							
	ORS	00250	01.56	34.220	27.40		1459.4							
	URS	00276	01.59	34.240	27.42		1460.0							
	STO	00300	01.86	34.31	27.45	00.323	1461.6							
	ORS	00300	01.86	34.310	27.45		1461.6							
	URS	00422	02.08	34.370	27.48		1463.1							
	ORS	00445	02.95	34.525	27.53		1467.4							
	URS	00356	02.98	34.525	27.53		1467.7							
	URS	00380	03.04	34.540	27.54		1468.4							
	STO	00400	03.33	34.61	27.56	00.384	1470.1							
	ORS	00400	03.33	34.610	27.56		1470.1							
	URS	00406	03.38	34.625	27.57		1470.4							
	URS	00412	03.31	34.620	27.57		1470.2							
	URS	00425	03.42	34.670	27.60		1471.0							

REFID 31 8296	YEAR 1972	BOATOP 00154	AIR TEMP 02.2	OIR HGT PER	WIND-OIR 12	INST STO RECORDER	TEN SO 1306
CONSEC 0062	MONTH 04	SHIP EV	WET BULB 02.2	06 4 3	WIND-SPD 24	TRACE OIR 0	5 SQUARE 2
LAT 43 24 N	DAY 18	DATA USE 1	BAROMETR 0995.6	5FA	WIND-FOR	DURATION 03.1	2 SQUARE 28
LONG 049 24 W	HOUR 10.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X5	ORIG IIP 110	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	P34	TOT P	N02	N03	S133	P4
10.3	STO	00000	- 0.56	33.03	26.56	00.000	1444.0							
	ORS	00000	- 0.56	33.030	26.56		1444.0							
	STO	00010	- 0.56	33.03	26.56	00.015	1444.1							
	ORS	00010	- 0.56	33.030	26.56		1444.1							
	STO	00020	- 0.56	33.03	26.56	00.030	1444.3							
	ORS	00020	- 0.56	33.030	26.56		1444.3							
	STO	00030	- 0.58	33.04	26.57	00.044	1444.4							
	ORS	00030	- 0.58	33.040	26.57		1444.4							
	STO	00050	- 0.56	33.06	26.59	00.074	1444.8							
	ORS	00050	- 0.56	33.060	26.59		1444.8							
	ORS	00069	- 0.58	33.085	26.61		1445.1							

REFID 31 8296	YEAR 1972	BOATOP 00060	AIR TEMP 02.8	OIR HGT PER	WIND-OIR 12	INST STO RECORDER	TEN SO 1306
CONSEC 0063	MONTH 04	SHIP EV	WET BULB 02.8	06 7 4	WIND-SPD 33	TRACE OIR 0	5 SQUARE 2
LAT 43 27 N	DAY 18	DATA USE 1	BAROMETR 0992.9	SEA	WIND-FIR	DURATION 00.1	2 SQUARE 28
LONG 049 31 W	HOUR 11.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG IIP 110	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	P34	TOT P	N02	N03	S133	P4
11.2	STO	00000	- 0.31	33.08	26.59	00.000	1445.2							
	ORS	00005	- 0.31	33.080	26.59		1445.3							
	STO	00010	- 0.31	33.08	26.59	00.015	1445.4							
	URS	00010	- 0.31	33.080	26.59		1445.4							
	STO	00020	- 0.31	33.08	26.59	00.029	1445.5							
	ORS	00020	- 0.31	33.080	26.59		1445.5							
	STO	00030	- 0.31	33.08	26.59	00.044	1445.7							
	ORS	00030	- 0.31	33.080	26.59		1445.7							
	ORS	00045	- 0.31	33.090	26.59		1445.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTOP 00057	AIR TEMP 02.8	OIR HGT PER	WIND-OIR 12	INST STD RECORDER	TEN SQ 1306
CONSEC 0064	MONTH 04	SHIP EV	WET BULB 02.8	06 9 3	WIND-SPO 33	TRACE OIR 0	5 SQUARE 2
LAT 43 33 N	DAY 18	DATA USE 1	BAROMETR 0990.5	SEA	WIND-FJR	DURATION 03.1	2 SQUARE 28
LONG 049 40 W	MOUR 12.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X5	ORIG IIP 110	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
12.5	STD	00000	00.20	33.10	26.59	00.000	1447.6							
	OBS	00000	00.20	33.100	26.59		1447.6							
	STD	00010	00.20	33.10	26.59	00.015	1447.7							
	OBS	00010	00.20	33.100	26.59		1447.7							
	STD	00020	00.20	33.09	26.58	00.029	1447.9							
	OBS	00020	00.20	33.095	26.58		1447.9							
	STD	00030	00.21	33.10	26.59	00.044	1448.1							
	OBS	00030	00.21	33.100	26.59		1448.1							
	OBS	00040	00.21	33.100	26.59		1448.3							

REFID 31 8296	YEAR 1972	BOTOP 00071	AIR TEMP 03.3	OIR HGT PER	WIND-OIR 13	INST STD RECORDER	TEN SQ 1307
CONSEC 0065	MONTH 04	SHIP EV	WET BULB 03.3	55 2 2	WIND-SPO 33	TRACE OIR 0	5 SQUARE 1
LAT 43 16.0N	DAY 18	DATA USE 1	BAROMETR 0981.0	SEA	WIND-FJR	DURATION 00.1	2 SQUARE 20
LONG 050 22.5W	MOUR 15.6	AREA 05	CLOUD T/A	CL/TR	WEATHER X5	ORIG IIP 110	1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
15.6	STD	00000	00.56	33.01	26.49	00.000	1449.1							
	OBS	00000	00.56	33.010	26.49		1449.1							
	STD	00010	00.54	33.01	26.50	00.015	1449.2							
	OBS	00010	00.54	33.010	26.50		1449.2							
	STD	00020	00.50	33.03	26.51	00.031	1449.2							
	OBS	00020	00.50	33.030	26.51		1449.2							
	STD	00030	00.26	33.04	26.53	00.046	1448.3							
	OBS	00030	00.26	33.040	26.53		1448.3							
	OBS	00040	- 0.22	33.050	26.57		1446.2							
	STD	00050	- 0.27	33.11	26.62	00.075	1446.2							
	OBS	00050	- 0.27	33.110	26.62		1446.2							

REFID 31 8296	YEAR 1972	BOTOP 00080	AIR TEMP 03.3	OIR HGT PER	WIND-OIR 13	INST STD RECORDER	TEN SQ 1307
CONSEC 0066	MONTH 04	SHIP EV	WET BULB 02.8	05 6 3	WIND-SPO 23	TRACE OIR 0	5 SQUARE 1
LAT 43 07 N	DAY 18	DATA USE 1	BAROMETR 0976.3	SEA	WIND-FJR	DURATION 00.1	2 SQUARE 20
LONG 050 22 W	MOUR 16.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG IIP 110	1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
16.8	STD	00000	- 0.18	33.16	26.66	00.000	1445.9							
	OBS	00000	- 0.18	33.165	26.66		1445.9							
	STD	00010	- 0.18	33.16	26.65	00.014	1446.1							
	OBS	00010	- 0.18	33.160	26.65		1446.1							
	STD	00020	- 0.19	33.17	26.66	00.028	1446.2							
	OBS	00020	- 0.19	33.170	26.66		1446.2							
	STD	00030	- 0.19	33.17	26.66	00.042	1446.4							
	OBS	00030	- 0.19	33.170	26.66		1446.4							
	STD	00050	- 0.20	33.17	26.66	00.070	1446.7							
	OBS	00050	- 0.20	33.170	26.66		1446.7							

REFID 31 8296	YEAR 1972	BOTOP 00097	AIR TEMP 02.2	OIR HGT PER	WIND-OIR 13	INST STD RECORDER	TEN SQ 1307
CONSEC 0067	MONTH 04	SHIP EV	WET BULB 01.7	05 6 2	WIND-SPO 23	TRACE OIR 0	5 SQUARE 1
LAT 43 00.0N	DAY 18	DATA USE 1	BAROMETR 0976.6	SEA	WIND-FJR	DURATION 00.1	2 SQUARE 20
LONG 050 20.0W	MOUR 18.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG IIP 110	1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIO3	PH
18.2	STD	00000	- 0.36	33.17	26.67	00.000	1445.1							
	OBS	00000	- 0.36	33.170	26.67		1445.1							
	STD	00010	- 0.36	33.17	26.67	00.014	1445.3							
	OBS	00010	- 0.36	33.170	26.67		1445.3							
	STD	00020	- 0.40	33.17	26.67	00.028	1445.2							
	OBS	00020	- 0.40	33.170	26.67		1445.2							
	STD	00030	- 0.40	33.17	26.67	00.041	1445.4							
	OBS	00030	- 0.40	33.175	26.67		1445.4							
	OBS	00040	- 0.40	33.175	26.67		1445.6							
	STD	00050	- 0.41	33.17	26.67	00.069	1445.7							
	OBS	00050	- 0.41	33.175	26.67		1445.7							
	OBS	00060	- 0.45	33.180	26.68		1445.7							
	OBS	00070	- 0.79	33.255	26.75		1444.4							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—(Continued)

REFID	31	8296	YEAR	1972	BOTOP	00241	AIR TEMP	02.2	DIR HGT PER	WIND-DIR	13	INST STD RECORDER	TEN SQ	1307	
CONSEC		0069	MONTH	04	SHIP EV		WET BULB	01.7	05 6 3	WIND-SPD	23	TRACE DIR	5 SQUARE	1	
LAT	42	54 N	DAY	18	DATA USE	1	BAROMETR	0977.9	SEA	WIND-FRQ		DURATION	03.1	2 SQUARE	20
LONG	050	20 W	HOUR	19.2	AREA	05	CLOUD T/A		CL/TR	WEATHER	X5	ORIG IIP	110	1 SQUARE	20

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	DXYG	PJ4	TOT P	N02	N03	SIG3	P4
	STD	00000	- 0.29	33.09	25.60	00.000	1445.3							
19.2	195	00010	- 0.29	33.095	25.60		1445.3							
	STD	00010	- 0.29	33.11	26.62	00.014	1445.5							
	195	00010	- 0.29	33.110	26.62		1445.5							
	STD	00020	- 0.29	33.11	26.62	00.029	1445.7							
	195	00020	- 0.27	33.110	26.62		1445.7							
	STD	00030	- 0.29	33.11	26.62	00.043	1445.8							
	195	00030	- 0.29	33.110	26.62		1445.8							
	STD	00050	- 0.31	33.11	26.62	00.072	1446.1							
	195	00050	- 0.31	33.110	26.62		1446.1							
	STD	00075	- 0.45	33.12	26.63	00.107	1445.8							
	195	00075	- 0.45	33.120	26.63		1445.8							
	STD	00100	- 1.03	33.30	26.80	00.140	1443.8							
	195	00100	- 1.03	33.300	26.80		1443.8							
	STD	00125	- 0.65	33.39	26.86	00.171	1446.1							
	195	00125	- 0.65	33.390	26.86		1446.1							
	STD	00150	- 0.57	33.43	26.89	00.201	1447.0							
	195	00150	- 0.57	33.430	26.89		1447.0							
	STD	00175	00.15	33.650	27.03		1451.0							
	195	00200	00.55	33.74	27.08	00.255	1453.3							
	STD	00200	00.55	33.740	27.08		1453.3							

REFID	31	8296	YEAR	1972	BOTOP	00988	AIR TEMP	03.3	DIR HGT PER	WIND-DIR	11	INST STD RECORDER	TEN SQ	1307	
CONSEC		0069	MONTH	04	SHIP EV		WET BULB	02.8	59 2 4	WIND-SPD	13	TRACE DIR	5 SQUARE	1	
LAT	42	47.0N	DAY	18	DATA USE	1	BAROMETR	0970.2	SEA	WIND-FRQ		DURATION	03.3	2 SQUARE	20
LONG	050	30.0W	HOUR	20.5	AREA	05	CLOUD T/A		CL/TR	WEATHER	X5	ORIG IIP	110	1 SQUARE	20

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	DXYG	PJ4	TOT P	N02	N03	SIG3	P4
	STD	00300	- 0.59	33.00	26.54	00.000	1443.8							
20.5	195	00000	- 0.59	33.000	26.54		1443.8							
	STD	00010	- 0.60	33.00	26.54	00.015	1443.9							
	195	00010	- 0.60	33.000	26.54		1443.9							
	STD	00020	- 0.60	33.00	26.54	00.030	1444.1							
	195	00020	- 0.60	33.000	26.54		1444.1							
	STD	00030	- 0.65	33.00	26.54	00.045	1444.0							
	195	00030	- 0.65	33.000	26.54		1444.0							
	STD	00050	- 0.77	33.04	26.58	00.075	1443.8							
	195	00050	- 0.77	33.040	26.58		1443.8							
	STD	00070	- 1.05	33.230	26.74		1443.1							
	195	00070	- 1.05	33.230	26.74		1443.1							
	STD	00075	- 1.04	33.25	26.76	00.109	1443.3							
	195	00075	- 1.04	33.250	26.76		1443.3							
	STD	00100	- 1.02	33.29	26.79	00.141	1443.8							
	195	00100	- 1.02	33.290	26.79		1443.8							
	STD	00110	- 1.07	33.285	26.79		1443.8							
	195	00125	- 0.85	33.38	26.86	00.172	1445.2							
	STD	00125	- 0.85	33.385	26.86		1445.2							
	195	00130	- 0.93	33.410	26.88		1445.1							
	STD	00150	- 0.45	33.54	26.97	00.200	1447.7							
	195	00155	- 0.19	33.580	26.99		1449.0							
	STD	00173	01.11	33.680	27.00		1455.3							
	195	00190	- 0.20	33.665	27.06		1449.7							
	STD	00200	- 0.07	33.69	27.07	00.252	1450.5							
	195	00205	00.01	33.705	27.08		1450.9							
	STD	00240	00.81	33.860	27.16		1455.3							
	195	00250	02.35	34.10	27.24	00.298	1462.7							
	STD	00265	03.66	34.310	27.29		1468.8							
	195	00300	02.08	34.14	27.30	00.340	1462.4							
	STD	00300	02.08	34.140	27.30		1462.4							
	195	00330	03.27	34.480	27.47		1468.5							
	STD	00360	02.87	34.480	27.50		1467.3							
	195	00380	02.87	34.510	27.53		1467.6							
	STD	00400	03.03	34.55	27.55	00.408	1468.7							
	195	00400	03.03	34.550	27.55		1468.7							
	STD	00460	04.53	34.830	27.62		1476.4							
	195	00500	04.56	34.85	27.63	00.463	1477.2							
	STD	00500	04.56	34.850	27.63		1477.2							
	195	00600	04.52	34.91	27.68	00.514	1478.8							
	STD	00600	04.52	34.910	27.68		1478.8							
	195	00700	04.19	34.89	27.70	00.562	1479.1							
	STD	00700	04.19	34.895	27.70		1479.1							
	195	00800	04.11	34.91	27.72	00.609	1480.4							
	STD	00800	04.11	34.910	27.72		1480.4							
	195	00900	04.09	34.91	27.73	00.655	1482.0							
	STD	00900	04.09	34.910	27.73		1482.0							

TABLE X111.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTOP 01390	AIR TEMP 03.3	DIR HGT PER	WIND-DIR 09	INST STO RECORDER	TEN 50 1307
CONSEC 0070	MONTH 04	SHIP EV	WET BULB 02.8	59 6 4	WIND-SD 23	TRACE DIR 0	5 SQUARE 1
LAT 42 37 N	DAY 18	DATA USE	BAROMETR 0968.5	SEA	WIND-FJR	DURATION 00.2	2 SQUARE 20
LONG 050 35 W	HOUR	AREA 05	CLOUD T/4	CL/TR	WEATHER X5	ORIG IIP 110	1 SQUARE 20

C4STNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SD VEL	OXYG	PJ4	TOT P	NO2	NO3	SIC3	PH
21.0	STD	00000	00.95	33.25	26.67	00.000	1451.2							
	085	00000	00.95	33.250	26.67		1451.2							
	STD	00010	00.95	33.25	26.67	00.014	1451.3							
	085	00010	00.95	33.250	26.67		1451.3							
	STD	00020	00.88	33.25	26.67	00.028	1451.2							
	085	00020	00.88	33.250	26.67		1451.2							
	STD	00030	00.07	33.27	26.73	00.041	1447.7							
	STD	00050	- 0.91	33.31	26.81	00.067	1443.6							
	085	00050	- 0.91	33.315	26.81		1443.6							
	STD	00075	- 0.92	33.38	26.86	00.097	1444.0							
	085	00075	- 0.92	33.380	26.86		1444.0							
	085	00085	- 0.70	00.430	00.21 *		1400.9							
	STD	00100	- 1.24	33.44	26.92	00.127	1443.0							
	085	00100	- 1.24	33.440	26.92		1443.0							
	STD	00125	00.05	33.88	27.22	00.152	1450.0							
	085	00125	00.05	33.880	27.22		1450.0							
	STD	00150	02.43	34.13	27.26	00.173	1461.4							
	STD	00200	04.61	34.40	27.27	00.214	1471.9							
	085	00200	04.61	34.400	27.27		1471.9							
	085	00215	04.59	34.420	27.28		1472.1							
	085	00235	05.95	34.700	27.34		1478.3							
	STD	00250	05.33	34.61	27.35	00.254	1476.0							
	085	00250	05.33	34.610	27.35		1476.0							
	085	00285	04.81	34.580	27.39		1474.4							
	STD	00300	05.49	34.74	27.43	00.291	1477.6							
	085	00300	05.49	34.740	27.43		1477.6							
	085	00330	06.30	34.900	27.46		1481.6							
	085	00390	04.16	34.665	27.52		1473.5							
	STD	00400	04.20	34.71	27.56	00.355	1473.9							
	085	00400	04.20	34.710	27.56		1473.9							
	085	00405	04.90	34.860	27.60		1477.1							
	085	00481	04.60	34.850	27.62		1477.1							
	STD	00500	04.48	34.85	27.64	00.410	1476.9							
	085	00500	04.48	34.850	27.64		1476.9							
	085	00517	04.57	34.890	27.66		1477.6							
	085	00538	04.42	34.860	27.65		1477.3							
	085	00573	04.35	34.890	27.68		1477.6							
	STD	00600	05.42	34.96	27.61 *	00.463	1482.6							
	085	00600	05.42	34.960	27.61		1482.6							
	STD	00700	04.10	34.90	27.72	00.514	1478.7							
	085	00700	04.10	34.905	27.72		1478.7							
	085	00740	04.21	34.935	27.73		1479.9							
	085	00745	04.15	34.910	27.72		1479.7							
	085	00762	04.15	34.920	27.73		1480.0							
	STD	00800	04.28	34.95	27.74	00.559	1481.2							
	085	00800	04.28	34.950	27.74		1481.2							
	085	00860	04.43	34.985	27.75		1482.8							
	STD	00900	04.19	34.95	27.75	00.604	1482.5							
	085	00900	04.19	34.950	27.75		1482.5							
	STD	01000	04.12	34.95	27.76	00.649	1483.8							
	085	01000	04.12	34.950	27.76		1483.8							
	085	01060	04.10	34.950	27.76		1484.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID	31 8296	YEAR	1972	BDTDP	02032	AIR TEMP	01.7	DIR HGT	PER	WIND-DIR	02	INST STD RECORDER	VEN SQ	1307
CONSEC	0071	MONTH	04	SHIP EV		WET BULB	01.1	59	6	WIND-SPO	24	TRACE DIR	0	5 SQUARE 1
LAT	42 22 N	DAY	19	DATA USE	1	BAROMETER	0969.5	SEA		WIND-F3R		DURATION	03.3	2 SQUARE 20
LONG	050 50 W	HDUP	00.5	AREA	05	CLOUD	7/A	CL/TR		WEATHER	X5	ORIG TIP	110	1 SQUARE 20

EASTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	P4
00.5	STD	00000	02.89	33.56	26.77	00.000	1460.2							
	DBS	00000	02.89	33.560	26.77		1460.2							
	STD	00010	02.92	33.58	26.78	00.013	1460.5							
	DBS	00010	02.92	33.580	26.78		1460.5							
	DBS	00012	02.94	33.585	26.78		1460.6							
	STD	00020	02.70	33.54	26.77	00.026	1459.7							
	DBS	00020	02.70	33.540	26.77		1459.7							
	DBS	00021	02.66	33.550	26.78		1459.5							
	STD	00030	02.65	33.58	26.81	00.038	1459.7							
	DBS	00030	02.65	33.580	26.81		1459.7							
	STD	00050	01.71	33.59	26.89	00.063	1455.9							
	DBS	00065	01.41	33.680	26.98		1454.9							
	STD	00075	01.41	33.78	27.06	00.090	1455.2							
	DBS	00075	01.41	33.780	27.06		1455.2							
	STD	00100	02.49	34.02	27.17	00.114	1460.7							
	DBS	00100	02.49	34.025	27.17		1460.7							
	STD	00125	02.53	34.08	27.21	00.136	1461.4							
	DBS	00125	02.53	34.080	27.21		1461.4							
	DBS	00139	02.95	34.160	27.24		1463.5							
	STD	00150	03.18	34.20	27.25	00.158	1464.8							
	DBS	00180	03.82	34.300	27.27		1468.1							
	STD	00200	05.48	34.64	27.35	00.197	1475.8							
	DBS	00200	05.48	34.640	27.35		1475.8							
	DBS	00203	05.86	34.660	27.32 *		1477.4							
	DBS	00222	05.42	34.580	27.31		1475.8							
	DBS	00245	03.18	34.300	27.33		1466.5							
	STD	00250	03.63	34.42	27.38	00.235	1468.6							
	DBS	00250	03.63	34.420	27.38		1468.6							
	STD	00300	04.53	34.63	27.46	00.269	1473.5							
	DBS	00310	04.71	34.670	27.47		1474.5							
	DBS	00322	04.15	34.640	27.51		1472.3							
	DBS	00335	04.31	34.680	27.52		1473.2							
	STD	00400	04.92	34.76	27.51	00.334	1476.9							
	DBS	00402	04.94	34.760	27.51		1477.1							
	DBS	00415	04.36	34.780	27.59		1474.9							
	DBS	00450	04.84	34.930	27.66		1477.7							
	DBS	00475	04.84	34.910	27.64		1478.1							
	STD	00500	04.72	34.92	27.67	00.390	1478.0							
	DBS	00500	04.72	34.920	27.67		1478.0							
	DBS	00505	04.66	34.930	27.68		1477.8							
	DBS	00530	04.76	34.960	27.69		1478.7							
	STD	00600	04.55	34.94	27.70	00.438	1479.0							
	DBS	00600	04.55	34.945	27.70		1479.0							
	DBS	00625	04.56	34.955	27.71		1479.4							
	STD	00700	04.24	34.92	27.72	00.484	1479.3							
	DBS	00700	04.24	34.920	27.72		1479.3							
	DBS	00757	04.16	34.920	27.73		1479.9							
	STD	00800	04.15	34.92	27.73	00.530	1480.6							
	DBS	00800	04.15	34.920	27.73		1480.6							
	STD	00900	04.12	34.93	27.74	00.575	1482.1							
	DBS	00900	04.12	34.930	27.74		1482.1							
	DBS	00940	04.12	34.940	27.75		1482.8							
	STD	01000	04.22	34.96	27.76	00.621	1484.3							
	DBS	01000	04.22	34.965	27.76		1484.3							
	DBS	01045	04.17	34.960	27.76		1484.8							

TABLE XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOAT 03120	AIR TEMP 03.3	OIR HGT PER	WIND-DIR 34	INST STO RECORDER	TEN SQ 1307
CONSEC 0072	MONTH 04	SHIP EV	WET BULB 02.8	82 7 4	WIND-SPD 42	TRACE DIR 0	5 SQUARE 1
LAT 41 59 N	DAY 19	DATA USE 1	BAROMETR 0975.3	SEA	WIND-FJR	DURATION 00.3	2 SQUARE 09
LONG 050 30 W	HOOR 03.6	AREA 05	CLOUD T/A	CL/TR	WEATHER X3	ORIG IIP 110	1 SQUARE 10

CASINUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	SD3	PH
03.6	STD	00000	03.05	33.44	26.66	00.000	1460.7							
	DBS	00000	03.05	33.440	26.66		1460.7							
	STD	00010	03.05	33.44	26.66	00.014	1460.9							
	DBS	00010	03.05	33.440	26.66		1460.9							
	STD	00020	03.05	33.44	26.66	00.028	1461.0							
	DBS	00020	03.05	33.440	26.66		1461.0							
	STD	00030	03.05	33.44	26.66	00.042	1461.2							
	DBS	00030	03.05	33.440	26.66		1461.2							
	STD	00050	03.05	33.44	26.66	00.070	1461.5							
	DBS	00050	03.05	33.440	26.66		1461.5							
	STD	00075	03.05	33.44	26.66	00.104	1461.9							
	DBS	00075	03.05	33.440	26.66		1461.9							
	STD	00100	02.99	33.48	26.70	00.139	1462.1							
	DBS	00100	02.99	33.480	26.70		1462.1							
	STD	00125	02.18	33.62	26.88	00.171	1459.2							
	DBS	00125	02.18	33.620	26.88		1459.2							
	STD	00150	02.23	33.83	27.04	00.199	1460.1							
	DBS	00150	02.23	33.830	27.04		1460.1							
	DBS	00189	02.67	33.880	27.04		1462.8							
	STD	00200	02.56	33.93	27.09	00.249	1462.5							
	DBS	00200	02.56	33.930	27.09		1462.5							
	STD	00250	02.23	34.13	27.28	00.294	1462.2							
	DBS	00250	02.23	34.125	27.28		1462.2							
	STD	00300	02.92	34.24	27.31	00.335	1466.2							
	DBS	00300	02.92	34.240	27.31		1466.2							
	DBS	00335	03.46	34.330	27.33		1469.2							
	DBS	00350	03.27	34.335	27.35		1468.6							
	DBS	00385	03.50	34.420	27.40		1470.3							
	STD	00400	03.48	34.42	27.40	00.410	1470.5							
	DBS	00400	03.48	34.420	27.40		1470.5							
	DBS	00420	03.53	34.425	27.40		1471.0							
	DBS	00435	03.67	34.460	27.41		1471.9							
	DBS	00447	03.62	34.455	27.41		1471.9							
	STD	00500	03.67	34.51	27.45	00.480	1473.0							
	DBS	00500	03.67	34.510	27.45		1473.0							
	DBS	00552	02.61	34.400	27.46		1469.2							
	STD	00600	02.91	34.53	27.54	00.544	1471.5							
	DBS	00600	02.91	34.530	27.54		1471.5							
	STD	00700	04.76	34.83	27.59	00.603	1481.3							
	DBS	00700	04.76	34.830	27.59		1481.3							
	DBS	00765	05.16	34.870	27.57		1484.1							
	STD	00800	05.56	34.98	27.61	00.662	1486.5							
	DBS	00800	05.56	34.980	27.61		1486.5							
	DBS	00840	05.34	34.950	27.62		1486.2							
	DBS	00874	04.90	34.915	27.64		1486.9							
	STD	00900	04.96	34.94	27.65	00.720	1485.6							
	DBS	00900	04.96	34.940	27.65		1485.6							
	DBS	00941	05.02	34.935	27.64		1486.6							
	STD	01000	04.96	34.96	27.67	00.775	1487.3							
	DBS	01000	04.96	34.965	27.67		1487.3							
	DBS	01050	04.93	34.975	27.68		1488.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 81-8296.—(Continued)

REFID 31 8296	YFAR 1977	ADTOP 03621	ATR TEMP 03.9	OIR HGT PER	WIND-OIR 04	INST STO RECDNER	TEN 50 1307
CNASEC 0073	MONTH 05	SHIP EV	WFT HULR 08.3	08 0 2	WIND-SPO 04	TRACE OIR	5 SQUARE 1
LAT 41 03 N	DAY 09	DATA USE 1	BAROMETP 1020.3	SEA	WIND-FIR	ORUPATION 03.2	2 SQUARE 00
LONG 050 15 W	MOJR 05-0	ARE# 05	CLNHR T/A	CL/TIR	HEATHFR X4	ORIS IIP 110	1 SQUARE 10

C&STNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	XYG	P74	TOT P	NO2	NO3	S133	PH
05.0	STO	00000	08.90	33.50	25.98	00.000	1484.4							
	085	00000	08.90	33.500	25.98		1484.4							
	STO	00010	10.70	33.90	25.99		1491.7							
	085	00010	10.70	33.900	25.99		1491.7							
	STO	00020	07.29	33.44	26.17	00.040	1478.5							
	STO	00030	05.80	33.30	26.26		1472.5							
	085	00030	05.80	33.300	26.26		1472.5							
	STO	00050	08.60	34.00	26.42		1484.7							
	085	00050	08.60	34.000	26.42	00.128	1484.7							
	STO	00075	11.40	35.15	26.84		1496.8							
	085	00075	11.40	35.150	26.84		1496.8							
	STO	00100	10.10	34.96	26.92		1492.3							
	085	00100	10.10	34.960	26.92	00.158	1492.3							
	STO	00125	10.14	35.01	26.95		1493.0							
	STO	00150	10.21	35.04	26.97		1493.7							
	STO	00200	10.40	35.10	26.98		1495.2							
	085	00200	10.40	35.100	26.98	00.215	1495.2							
	085	00220	10.50	35.115	26.97		1495.9							
	085	00238	10.30	35.130	27.02		1495.5							
	STO	00250	08.59	34.75	27.01		1488.9							
	085	00260	07.80	34.590	27.00	00.327	1485.9							
	085	00270	07.60	34.560	27.01		1485.7							
	STO	00300	07.50	34.62	27.07		1485.4							
	085	00300	07.50	34.620	27.07	00.381	1485.4							
	085	00320	08.60	34.960	27.17		1490.4							
	085	00347	08.40	34.950	27.19		1490.1							
	085	00352	07.30	34.700	27.16 *		1485.6							
	STO	00400	07.64	34.87	27.25	00.479	1488.0							
	085	00408	07.70	34.400	27.26		1488.3							
	085	00437	05.80	34.570	27.26		1480.9							
	085	00450	07.10	34.950	27.39		1486.9							
	STO	00500	07.10	35.02	27.44	00.561	1487.7							
	085	00500	07.10	35.020	27.44		1487.7							
	STO	00600	05.80	34.97	27.58		1484.1							
	085	00600	05.80	34.970	27.58	00.623	1484.1							
	STO	00700	05.42	35.00	27.65		1484.3							
	085	00700	05.42	35.005	27.65		1484.3							
	STO	00800	04.89	35.00	27.71	00.685	1483.8							
	085	00800	04.89	35.000	27.71		1483.8							
	STO	00900	04.71	35.00	27.73		1484.7							
	085	00900	04.71	35.000	27.73		1484.7							
	STO	01000	04.45	34.98	27.74	00.736	1485.3							
	085	01000	04.45	34.980	27.74		1485.3							
	STO	01012	04.39	34.980	27.75		1485.2							
	085	01012	04.39	34.980	27.75		1485.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31 8296	YEAR	1972	SOTOP	03767	AIR TEMP	10.5	OIR HGT	PER	WIND-OIR	31	INST STD RECORDER	TEN SQ	1307
CUNSEC	0074	MONTH	05	SHIP	EV	WFT HULR	09.4	24	2	WIND-SPO	02	TRACE OIR	5	SQUARE 1
LAT	41 34 N	DAY	07	DATA USE	1	RAHOMETR	1001.4	SEA		WIND-FTR		DURATION	00.3	2 SQUARE 00
LONG	050 18 W	MOJR	08.7	AREA	05	CLOUD T/A		CL/TR		WEATHER	X2	ORIG IIP	110	1 SQUARE 10

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VFL	OXYG	PJ4	TCT P	NO2	NO3	S133	P4
09.7	STN	00000	11.30	34.28	26.18	00.000	1494.1							
	DBS	00000	11.30	34.285	26.18		1494.1							
	DBS	00006	11.50	34.360	26.21		1495.0							
	STN	00010	11.45	34.40	26.40	00.017	1495.2							
	STO	00020	11.28	34.92	26.68	00.032	1495.2							
	DBS	00020	11.28	34.925	26.68		1495.2							
	STO	00030	11.05	34.88	26.69	00.046	1496.5							
	DBS	00030	11.05	34.880	26.69		1496.5							
	DBS	00031	11.03	34.950	26.67		1496.4							
	DBS	00042	10.97	34.980	26.71		1496.4							
	STO	00050	11.01	34.99	26.79	00.073	1496.8							
	DBS	00050	11.01	34.945	26.79		1496.8							
	DBS	00065	11.35	35.150	26.85		1496.5							
	DBS	00070	11.19	35.110	26.85		1495.9							
	STO	00075	11.50	35.22	26.87	00.104	1497.2							
	DBS	00075	11.50	35.220	26.87		1497.2							
	DBS	00080	11.96	35.400	26.93		1499.1							
	STN	00100	09.07	34.69	26.88	00.134	1488.2							
	DBS	00113	08.62	34.640	26.92		1486.7							
	STO	00125	09.20	34.89	27.02	00.162	1489.4							
	DBS	00125	09.20	34.890	27.02		1489.4							
	DBS	00128	09.21	34.910	27.03		1489.5							
	DBS	00140	09.09	34.865	27.02		1489.2							
	STO	00150	09.90	35.18	27.13	00.188	1492.7							
	DBS	00150	09.90	35.185	27.13		1492.7							
	DBS	00195	09.40	35.100	27.15		1491.5							
	STN	00200	04.30	35.09	27.15	00.236	1491.4							
	DBS	00200	09.36	35.090	27.15		1491.4							
	DBS	00209	09.28	35.140	27.20		1491.4							
	DBS	00222	09.53	35.190	27.20		1492.6							
	STO	00250	09.20	35.16	27.23	00.283	1491.8							
	DBS	00250	09.20	35.165	27.23		1491.8							
	STN	00300	08.41	35.09	27.30	00.326	1489.5							
	DBS	00300	08.41	35.090	27.30		1489.5							
	DBS	00315	07.84	35.035	27.35		1487.5							
	DBS	00350	06.60	34.845	27.37		1483.0							
	DBS	00372	06.46	34.880	27.42		1482.9							
	DBS	00380	06.56	34.955	27.46		1483.5							
	STN	00400	06.46	34.96	27.49	00.402	1483.4							
	DBS	00400	06.46	34.965	27.49		1483.4							
	DBS	00420	06.48	34.985	27.50		1483.9							
	DBS	00440	06.38	35.005	27.53		1483.8							
	DBS	00450	06.38	35.005	27.53		1484.0							
	STO	00500	05.45	34.96	27.61	00.463	1481.0							
	DBS	00500	05.45	34.960	27.61		1481.0							
	DBS	00510	05.41	34.990	27.64		1481.1							
	DBS	00516	05.46	34.980	27.63		1481.4							
	STO	00600	05.15	34.99	27.67	00.516	1481.5							
	DBS	00600	05.15	34.990	27.67		1481.5							
	STO	00700	04.84	34.97	27.70	00.565	1481.9							
	DBS	00700	04.84	34.975	27.70		1481.9							
	STO	00800	04.59	34.99	27.74	00.613	1482.5							
	DBS	00800	04.59	34.990	27.74		1482.5							
	STO	00900	04.38	34.98	27.75	00.658	1483.3							
	DBS	00900	04.38	34.985	27.75		1483.3							
	STN	01000	04.25	34.98	27.77	00.703	1484.4							
	DBS	01000	04.25	34.980	27.77		1484.4							
	DBS	01051	04.20	34.980	27.77		1485.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTOP 03475	AIR TEMP 11.7	DIP HGT PER	WIND-DIR 13	INST STD RECORDER	TEN SQ 1307
CONSEC 0075	MOYR 05	SHIP EV	WET BULB 10.6	27 2 2	WIND-SPO 09	TRACE DIR 0	5 SQUARE 1
LAT 42 02 N	DAY 09	DATA USE 1	BAROMETR 1021.3	SFA	WIND-FJR	DURATION 00.2	2 SQUARE 20
LONG 050 16 W	HOJR 14.3	AREA 05	CLOUD T/A	CL/TR	WEATHER XL	DRIG TIP 110	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SND VEL	XYG	P74	TOT P	NO2	NO3	S133	P4
14.0	STO	00000	13.17	35.10	26.45	00.000	1501.6							
	DBS	00000	13.17	35.100	26.45		1501.6							
	DBS	00003	13.11	35.200	26.54		1501.5							
	STO	00010	13.94	35.43	26.55	00.015	1504.7							
	DBS	00010	13.94	35.430	26.55		1504.7							
	STO	00020	13.59	35.39	26.59	00.030	1503.6							
	STO	00030	13.23	35.35	26.63	00.045	1502.6							
	STO	00050	12.53	35.26	26.71	00.072	1500.4							
	DBS	00050	12.53	35.265	26.71		1500.4							
	DBS	00065	06.27	34.020	26.77		1475.9							
	STO	00075	05.54	34.24	26.90	00.104	1477.5							
	DBS	00075	06.54	34.240	26.90		1477.5							
	STO	00100	06.92	34.30	26.90	00.133	1479.5							
	DBS	00110	06.97	34.310	26.90		1479.8							
	STO	00125	06.93	34.31	26.91	00.163	1479.9							
	DBS	00125	06.93	34.310	26.91		1479.9							
	STO	00150	07.80	34.53	26.96	00.192	1484.0							
	DBS	00150	07.80	34.535	26.96		1484.0							
	DBS	00189	08.82	34.758	26.98		1488.8							
	STO	00200	07.89	34.58	26.98	00.248	1485.2							
	DBS	00210	07.42	34.495	26.98		1483.5							
	DBS	00225	07.38	34.490	26.98		1483.6							
	STO	00250	08.12	34.74	27.07	00.302	1487.1							
	STO	00300	09.07	35.08	27.19	00.352	1492.0							
	DBS	00310	09.18	35.120	27.20		1492.6							
	DBS	00325	09.29	35.170	27.22		1493.3							
	DBS	00345	08.97	35.100	27.22		1492.4							
	STO	00400	07.96	35.01	27.31	00.442	1489.4							
	DBS	00400	07.96	35.015	27.31		1489.4							
	STO	00500	02.50	34.42	27.49	00.515	1467.9							
	DBS	00500	02.50	34.425	27.49		1467.9							
	DBS	00530	03.46	34.560	27.51		1472.7							
	DBS	00540	03.18	34.510	27.50		1471.6							
	DBS	00549	03.52	34.580	27.52		1473.3							
	DBS	00556	03.43	34.555	27.51		1473.0							
	DBS	00580	03.78	34.645	27.55		1475.0							
	STO	00600	05.23	34.96	27.64	00.573	1481.8							
	DBS	00600	05.23	34.965	27.64		1481.8							
	DBS	00610	05.40	34.965	27.62		1482.7							
	DBS	00640	05.43	34.990	27.64		1483.3							
	STO	00700	05.12	34.98	27.67	00.626	1483.0							
	DBS	00700	05.12	34.985	27.67		1483.0							
	STO	00800	04.88	34.99	27.71	00.676	1483.7							
	DBS	00800	04.88	34.995	27.71		1483.7							
	STO	00900	04.66	35.00	27.74	00.725	1484.5							
	DBS	00900	04.66	35.000	27.74		1484.5							
	STO	01000	04.43	34.99	27.75	00.771	1485.2							
	DBS	01000	04.43	34.990	27.75		1485.2							
	STO	01100	04.32	34.99	27.77	00.817	1486.4							
	DBS	01100	04.32	34.995	27.77		1486.4							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NOIDC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTOP 02999	AIR TEMP 12.8	DIR HGT PER	WIND-DIR 13	INST STD RECORDER	TEN SQ 1307
CONSEC 0076	MONTH 05	SHIP EV	WFT BULB 12.2	12 0 2	WIND-SPD 05	TRACE DIR 3	5 SQUARE 1
LAT 42 21 N	DAY 09	DATA USE 1	BAROMETR 1021.3	SEA	WIND-FDR	DURATION 03.3	2 SQUARE 20
LONG 050 17 W	HOOR 16.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG TIP 110	1 SQUARE 20

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	PH
16.7	STO	00000	12.72	34.96	26.44	00.000	1499.9							
	DBS	00000	12.72	34.960	26.44		1499.9							
	STO	00010	12.83	35.01	26.46	00.016	1500.5							
	DBS	00010	12.83	35.015	26.46		1500.5							
	DBS	00016	12.89	35.060	26.48		1500.3							
	STO	00020	12.78	35.04	26.49	00.032	1500.5							
	DBS	00020	12.78	35.040	26.49		1500.5							
	STO	00030	12.03	34.96	26.57	00.047	1498.0							
	DBS	00030	12.03	34.960	26.57		1498.0							
	STO	00050	13.22	35.44	26.71	00.075	1503.0							
	DBS	00050	13.22	35.445	26.71		1503.0							
	STO	00075	12.60	35.50	26.88	00.107	1501.4							
	DBS	00075	12.60	35.500	26.88		1501.4							
	STO	00100	12.52	35.52	26.91	00.137	1501.5							
	DBS	00100	12.52	35.520	26.91		1501.5							
	STO	00125	11.37	35.28	26.94	00.166	1497.7							
	DBS	00125	11.37	35.28	26.94	00.194	1488.5							
	STO	00150	08.90	34.80	27.00		1488.5							
	DBS	00150	08.90	34.800	27.00		1488.5							
	DBS	00163	07.10	34.460	27.00		1481.4							
	DBS	00175	07.92	34.660	27.04		1485.0							
	STO	00200	06.85	34.48	27.05	00.248	1481.1							
	DBS	00200	06.85	34.480	27.05		1481.1							
	DBS	00211	07.14	34.615	27.12		1482.6							
	STO	00250	07.83	34.73	27.11	00.300	1486.0							
	DBS	00250	07.83	34.730	27.11		1486.0							
	DBS	00290	06.16	34.520	27.17		1479.8							
	STO	00300	05.64	34.43	27.17	00.348	1477.8							
	DBS	00302	05.57	34.420	27.17		1477.5							
	DBS	00365	08.92	35.130	27.25		1492.6							
	DBS	00390	08.73	35.065	27.23		1492.2							
	STO	00400	08.25	34.98	27.24	00.441	1490.4							
	DBS	00400	08.25	34.980	27.24		1490.4							
	DBS	00440	07.73	35.035	27.36		1489.2							
	DBS	00475	06.52	34.865	27.40		1484.8							
	STO	00500	06.15	34.86	27.44	00.523	1483.7							
	DBS	00500	06.15	34.860	27.44		1483.7							
	DBS	00515	06.09	34.885	27.47		1483.8							
	DBS	00536	06.48	35.000	27.51		1485.8							
	DBS	00570	05.77	34.945	27.56		1483.5							
	DBS	00590	05.72	34.955	27.57		1483.6							
	STO	00600	05.78	34.98	27.59	00.588	1484.1							
	DBS	00600	05.78	34.985	27.59		1484.1							
	DBS	00620	05.78	34.960	27.57		1484.4							
	DBS	00622	05.67	34.985	27.60		1484.0							
	STO	00700	05.20	34.99	27.66	00.644	1483.4							
	DBS	00700	05.20	34.990	27.66		1483.4							
	STO	00800	04.94	35.00	27.70	00.695	1484.0							
	DBS	00800	04.94	35.000	27.70		1484.0							
	STO	00900	04.68	34.99	27.73	00.744	1484.6							
	DBS	00900	04.68	34.995	27.73		1484.6							
	STO	01000	04.48	34.99	27.75	00.791	1485.4							
	DBS	01000	04.48	34.990	27.75		1485.4							
	DBS	01010	04.47	34.990	27.75		1485.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NO10 Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	ROTOP 02780	AIR TEMP 08.3	DIR HGT PER	WIND-DIR 13	INST STD RECORDER	TEN SQ 1307
CONSEC 0077	MONTH 05	SHIP EV	WET BULB 07.2	12 0 2	WIND-SPO 13	TRACE DIR 0	5 SQUARE 1
LAT 42 33 N	DAY 04	DATA USE 1	BAROMETR 1022.0	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 20
LONG 050 19 W	HOUP 19.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG IIP 110	1 SQUARE 20

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	XYG	P34	TOT P	ND2	ND3	S133	P4
19.2	STD	00000	10.87	34.32	26.29	00.000	1492.7							
	DBS	00000	10.87	34.320	26.29		1492.7							
	STD	00010	12.23	34.88	26.47	00.017	1498.3							
	DBS	00010	12.23	34.880	26.47		1498.3							
	STD	00020	13.50	35.39	26.61	00.032	1503.3							
	DBS	00020	13.50	35.386	26.61		1503.3							
	STD	00030	13.75	35.53	26.67	00.046	1504.5							
	DBS	00030	13.75	35.530	26.67		1504.5							
	DBS	00031	13.61	35.470	26.65		1504.0							
	DBS	00045	13.67	35.570	26.71		1504.5							
	STD	00050	13.50	35.50	26.70	00.073	1504.0							
	DBS	00050	13.50	35.500	26.70		1504.0							
	DBS	00052	13.37	35.460	26.69		1503.5							
	DBS	00065	13.57	35.550	26.72		1504.5							
	STD	00075	13.45	35.50	26.71	00.108	1504.2							
	DBS	00075	13.45	35.500	26.71		1504.2							
	DBS	00080	13.34	35.490	26.72		1503.9							
	STD	00100	13.05	35.49	26.78	00.141	1503.3							
	DBS	00100	13.05	35.490	26.78		1503.3							
	STD	00125	12.27	35.46	26.91	00.172	1501.0							
	DBS	00125	12.27	35.460	26.91		1501.0							
	STD	00150	11.50	35.36	26.98	00.201	1498.6							
	DBS	00150	11.50	35.360	26.98		1498.6							
	STD	00200	09.25	34.87	26.99	00.257	1490.7							
	DBS	00200	09.25	34.867	26.99		1490.7							
	DBS	00230	08.19	34.870	27.16		1487.3							
	DBS	00240	08.55	34.920	27.15		1488.8							
	STD	00250	08.30	34.92	27.18	00.308	1488.1							
	DBS	00263	07.28 P	34.67 P	27.140*									
	DBS	00275	07.86	34.910	27.24		1486.8							
	STD	00300	07.69	34.95	27.30	00.353	1486.6							
	DBS	00300	07.69	34.950	27.30		1486.6							
	DBS	00329	07.61	34.910	27.28		1486.7							
	DBS	00332	07.67	34.960	27.31		1487.1							
	STD	00400	05.75	34.63	27.31	00.435	1480.2							
	DBS	00400	05.75	34.630	27.31		1480.2							
	DBS	00435	04.00	34.500	27.41		1473.3							
	DBS	00462	04.21	34.625	27.49		1474.8							
	STD	00500	05.83	35.00	27.60	00.505	1482.6							
	DBS	00500	05.83	35.000	27.60		1482.6							
	STD	00600	05.37	34.99	27.64	00.561	1482.4							
	DBS	00600	05.37	34.990	27.64		1482.4							
	STD	00700	05.04	34.99	27.69	00.612	1482.7							
	DBS	00700	05.04	34.995	27.69		1482.7							
	STD	00800	04.81	35.00	27.72	00.661	1483.4							
	DBS	00800	04.81	35.000	27.72		1483.4							
	STD	00900	04.57	34.99	27.74	00.708	1484.1							
	DBS	00900	04.57	34.995	27.74		1484.1							
	STD	01000	04.46	35.00	27.76	00.754	1485.3							
	DBS	01000	04.46	35.005	27.76		1485.3							
	DBS	01050	04.37	35.000	27.77		1485.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31	8296	YEAR	1972	AUTOP	01536	AIR TEMP	05.0	DIR HGT	PER	WIND-DIR	10	INST STD	RECORDER	TEN SQ	1307	
CONSEC		0078	MONTH	05	SHIP	EV	WET BULR	03.9	26	2	2	WIND-SPO	12	TRACE DIR		5 SQUARE	1
LAT	42	46	N	DAY	09	DATA USE	1	BAROMETER	1022.7	SFA	WIND-FJR		ORUPATION	00.6	2 SQUARE	20	
LONG	050	20	W	HOUR	21.2	AREA	05	CLOUD T/A		CL/T/R	WEATHER	X2	ORIG IIP	110	1 SQUARE	20	

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPH	SNO VEL	CHYG	P14	TOT P	NO2	NO3	S133	P4
21.2	STD	00000	05.74	33.22	26.20	00.000	1471.7							
	ORS	00000	05.74	33.220	26.20		1471.7							
	STD	00010	04.45	33.18	26.32	00.018	1466.5							
	ORS	00010	04.45	33.183	26.32		1466.5							
	ORS	00017	03.88	33.090	26.30		1464.1							
	STD	00020	03.94	33.20	26.39	00.035	1464.5							
	ORS	00020	03.94	33.205	26.39		1464.5							
	ORS	00023	04.10	33.350	26.49		1465.4							
	STD	00030	04.54	33.55	26.60	00.050	1467.7							
	ORS	00040	05.16	33.670	26.63		1470.6							
	ORS	00044	04.54	33.660	26.69		1468.0							
	STD	00050	05.00	33.90	26.83	00.077	1470.4							
	ORS	00050	05.00	33.900	26.83		1470.4							
	STD	00075	00.75	33.70	27.04	00.105	1452.1							
	ORS	00075	00.75	33.700	27.04		1452.1							
	STD	00100	05.40	34.20	27.02	00.131	1473.2							
	ORS	00100	05.40	34.200	27.02		1473.2							
	STD	00125	05.57	34.22	27.01	00.158	1474.4							
	STD	00150	05.75	34.25	27.01	00.185	1475.5							
	ORS	00150	05.75	34.250	27.01		1475.5							
	STD	00200	03.37	34.00	27.08	00.237	1466.1							
	ORS	00200	03.37	34.000	27.08		1466.1							
	ORS	00225	00.40	33.800	27.14		1453.2							
	STD	00250	01.08	33.88	27.16	00.285	1456.8							
	ORS	00250	01.08	33.880	27.16		1456.8							
	ORS	00255	01.50	33.900	27.15		1458.7							
	ORS	00258	01.23	34.040	27.28		1457.8							
	ORS	00260	01.50	34.040	27.26		1453.0							
	ORS	00268	01.18	34.050	27.29		1457.7							
	ORS	00290	04.94	34.500	27.31		1474.9							
	STD	00300	05.00	34.58	27.36	00.327	1475.4							
	ORS	00300	05.00	34.60 P	27.38Q									
	ORS	00308	05.24	34.580	27.34 *		1476.5							
	ORS	00325	03.27	34.420	27.42		1468.3							
	ORS	00341	02.90	34.400	27.44		1467.0							
	ORS	00350	02.85	34.380	27.43		1466.9							
	STD	00400	03.12	34.52	27.51	00.396	1469.1							
	ORS	00400	03.12	34.520	27.51		1469.1							
	ORS	00430	03.45	34.700	27.62		1471.2							
	ORS	00462	04.76	34.860	27.61		1477.4							
	STD	00500	04.38	34.83	27.63	00.452	1476.5							
	ORS	00500	04.38	34.830	27.63		1476.5							
	ORS	00525	04.15	34.820	27.65		1475.9							
	STD	00600	04.18	34.85	27.67	00.502	1477.3							
	ORS	00600	04.18	34.855	27.67		1477.3							
	STD	00700	04.10	34.88	27.71	00.550	1478.7							
	ORS	00700	04.10	34.885	27.71		1478.7							
	STD	00800	04.08	34.90	27.72	00.597	1480.3							
	ORS	00800	04.08	34.905	27.72		1480.3							
	STD	00900	04.17	34.95	27.75	00.642	1482.4							
	ORS	00940	04.21	34.955	27.75		1483.2							
	ORS	00980	04.08	34.945	27.76		1483.3							
	STD	01000	04.08	34.94	27.76	00.686	1483.7							
	ORS	01000	04.08	34.945	27.76		1483.7							
	ORS	01040	04.15	34.960	27.76		1484.6							
	STD	01100	04.15	34.96	27.76	00.732	1485.7							
	ORS	01100	04.15	34.965	27.76		1485.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NOOC Listing No. 31–8296.—Continued

REFID 31 8296	YEAR 1972	ROTOP 00395	AIR TEMP 03.9	DIR HGT PER 26 2 2	WIND-DIR 13	INST STD RECORDER	TEN SQ 1307
CONSEC 0019	MONTH 05	SHIP EV	WET BULB 02.8		WIND-SPO 13	TRACE DIR 0	5 SQUARE 1
LAT 42 52 N	DAY 09	DATA USE 1	BAROMETR 1015.9	SEA	WIND-FJR 13	DURATION 00.1	2 SQUARE 20
LONG 050 21 W	HOOR 22.1	AREA 05	CLOUD T/A	CL/T/A	WEATHER 13	ORIG IIP 110	1 SQUARE 20

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	PJ4	TOT P	NO2	NO3	SIC3	PH
22.1	STO	00000	02.37	32.84	26.24	00.000	1456.9							
	08S	00000	02.37	32.840	26.24		1456.9							
	08S	00007	01.60	32.905	26.35		1453.7							
	STO	00010	01.31	32.90	26.36	00.017	1452.5							
	STO	00020	00.68	32.99	26.39	00.034	1449.8							
	08S	00020	00.68	32.890	26.39		1449.8							
	STO	00030	00.55	32.86	26.38	00.050	1449.3							
	08S	00030	00.55	32.865	26.38		1449.3							
	08S	00037	- 0.20	32.880	26.43		1446.0							
	STO	00050	- 0.76	32.95	26.51	00.082	1443.8							
	08S	00050	- 0.76	32.950	26.51		1443.8							
	STO	00075	- 1.08	33.01	26.57	00.120	1442.8							
	08S	00075	- 1.08	33.010	26.57		1442.8							
	08S	00090	- 1.10	33.050	26.60		1443.0							
	08S	00093	- 0.93	33.090	26.63		1443.9							
	STO	00100	- 1.01	33.08	26.62	00.156	1443.6							
	08S	00100	- 1.01	33.080	26.62		1443.6							
	STO	00125	03.51	33.61	26.76	00.190	1466.9							
	08S	00129	03.66	33.640	26.76		1465.7							
	STO	00150	01.89	33.50	26.80	00.222	1458.2							
	08S	00150	01.89	33.500	26.80		1458.2							
	08S	00162	00.93	33.580	26.93		1454.2							
	08S	00167	01.21	33.585	26.92		1455.6							
	08S	00187	- 0.63	33.470	26.92		1447.3							
	08S	00199	- 0.67	33.580	27.01		1447.5							
	STO	00200	- 0.65	33.60	27.03	00.280	1447.6							
	08S	00200	- 0.65	33.600	27.03		1447.6							
	08S	00215	- 0.48	33.665	27.07		1448.8							
	08S	00226	00.57	33.918	27.22		1454.1							
	STO	00250	00.47	33.88	27.20	00.327	1454.0							
	08S	00250	00.47	33.885	27.20		1454.0							
	08S	00276	01.10	34.020	27.27		1457.5							
	08S	00295	01.64	34.085	27.29		1460.3							
	STO	00300	01.64	34.12	27.32	00.369	1460.4							
	08S	00300	01.64	34.120	27.32		1460.4							
	08S	00310	01.70	34.140	27.33		1460.9							
	08S	00327	01.71	34.210	27.38		1461.3							
	08S	00339	01.90	34.200	27.36		1462.3							
	08S	00345	01.85	34.200	27.36		1462.2							

REFID 31 8296	YEAR 1972	ROTOP 00091	AIR TEMP 03.9	DIR HGT PER 26 2 2	WIND-DIR 03	INST STD RECORDER	TEN SQ 1307
CONSEC 0080	MONTH 05	SHIP EV	WET BULB 02.8		WIND-SPO 13	TRACE DIR 0	5 SQUARE 1
LAT 43 03 N	DAY 10	DATA USE 1	BAROMETR 1022.7	SEA	WIND-FJR 13	DURATION 00.1	2 SQUARE 20
LONG 050 13 W	HOOR 00.5	AREA 05	CLOUD T/A	CL/T/A	WEATHER 13	ORIG IIP 110	1 SQUARE 30

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	PJ4	TOT P	NO2	NO3	SIC3	PH
00.5	STO	00000	02.91	32.92	26.26	00.000	1459.4							
	08S	00000	02.91	32.920	26.26		1459.4							
	08S	00004	02.85	32.920	26.26		1459.2							
	STO	00010	02.40	32.90	26.28	00.018	1457.3							
	08S	00010	02.40	32.900	26.28		1457.3							
	STO	00020	01.35	32.86	26.33	00.035	1452.8							
	STO	00030	00.60	32.83	26.35	00.052	1449.5							
	08S	00030	00.60	32.830	26.35		1449.5							
	08S	00037	00.25	32.920	26.44		1448.2							
	08S	00045	- 0.40	32.950	26.49		1445.3							
	STO	00050	- 0.52	32.96	26.51	00.084	1444.9							
	08S	00050	- 0.52	32.965	26.51		1444.9							
	08S	00054	- 0.67	32.970	26.52		1444.3							
	08S	00059	- 0.67	33.000	26.54		1444.4							
	08S	00064	- 0.84	33.010	26.56		1443.7							
	STO	00075	- 0.86	33.03	26.57	00.121	1443.8							
	08S	00075	- 0.86	33.030	26.57		1443.8							
	08S	00077	- 0.86	33.030	26.57		1443.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOAT 0006H	AIR TEMP 03.9	DIR HGT PER	WIND-DIR 13	INST STD RECORDER	TEN SQ 1307
CONSEC 0081	MONTH 05	SHIP EV	WET BULB 03.3	26 2 2	WIND-SPD 11	TRACE DIR	5 SQUARE 1
LAT 43 14 N	DAY 13	DATA USE 1	BAROMETR 1022.4	SEA	WIND-FTR	DURATION 00.1	2 SQUARE 20
LONG 050 18 W	HOOR 01.9	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG IIP 110	1 SQUARE 30

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	XYG	PJ4	TOT P	N02	N03	S133	PH
31.9	STD	00000	04.21	32.90	26.12	00.007	1464.8							
	DRS	00000	04.21	32.900	26.12		1464.9							
	DRS	00004	04.22	32.910	26.13		1465.0							
	STD	00010	03.15	32.80	26.14	00.019	1460.4							
	DRS	00010	03.15	32.800	26.14		1460.4							
	STD	00020	- 0.27	32.80	26.17	00.037	1445.3							
	DRS	00020	- 0.27	32.800	26.17		1445.3							
	DRS	00026	- 0.17	33.010	26.53		1446.2							
	STD	00030	- 0.15	33.01	26.53	00.053	1446.3							
	DRS	00030	- 0.15	33.010	26.53		1446.3							
	DRS	00035	- 0.14	33.020	26.54		1446.5							
	DRS	00036	- 0.10	33.020	26.54		1446.7							
	STD	00050	- 0.08	33.03	26.54	00.083	1447.0							
	DRS	00050	- 0.08	33.030	26.54		1447.0							
	DRS	00054	- 0.07	33.030	26.54		1447.1							

REFID 31 8296	YEAR 1972	BOAT 00071	AIR TEMP 08.9	DIR HGT PER	WIND-DIR 13	INST STD RECORDER	TEN SQ 1306
CONSEC 0082	MONTH 05	SHIP EV	WET BULB 07.8	09 0 X	WIND-SPD 13	TRACE DIR	5 SQUARE 2
LAT 43 20 N	DAY 10	DATA USE 1	BAROMETR 1021.3	SEA	WIND-FTR	DURATION 00.1	2 SQUARE 28
LONG 049 47 W	HOOR 04.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X5	ORIG IIP 110	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	XYG	PJ4	TOT P	N02	N03	S133	PH
04.3	STD	00000	01.36	32.88	26.35	00.000	1452.5							
	DRS	00000	01.36	32.885	26.35		1452.5							
	STD	00010	00.41	32.84	26.37	00.017	1448.3							
	DRS	00010	00.41	32.840	26.37		1448.3							
	STD	00020	- 0.46	32.95	26.49	00.033	1444.7							
	DRS	00020	- 0.46	32.950	26.49		1444.7							
	STD	00030	- 0.50	32.94	26.49	00.048	1444.6							
	DRS	00030	- 0.50	32.945	26.49		1444.6							
	DRS	00045	- 0.79	32.990	26.54		1443.6							
	STD	00050	- 0.81	32.99	26.54	00.079	1443.6							
	DRS	00050	- 0.81	32.990	26.54		1443.6							
	DRS	00059	- 0.82	32.990	26.54		1443.7							

REFID 31 8296	YEAR 1972	BOAT 00199	AIR TEMP 02.2	DIR HGT PER	WIND-DIR 12	INST STD RECORDER	TEN SQ 1306
CONSEC 0083	MONTH 05	SHIP EV	WET BULB 02.2	09 0 X	WIND-SPD 12	TRACE DIR	5 SQUARE 2
LAT 43 12 N	DAY 10	DATA USE 1	BAROMETR 1021.3	SEA	WIND-FTR	DURATION 00.1	2 SQUARE 28
LONG 049 41 W	HOOR 15.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X5	ORIG IIP 110	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SND VEL	XYG	PJ4	TOT P	N02	N03	S133	PH
05.2	STD	00000	01.22	32.78	26.27	00.000	1451.8							
	DRS	00000	01.22	32.780	26.27		1451.8							
	STD	00010	00.26	32.87	26.40	00.017	1447.7							
	DRS	00010	00.26	32.870	26.40		1447.7							
	STD	00020	- 0.14	32.86	26.41	00.033	1446.0							
	DRS	00020	- 0.14	32.860	26.41		1446.0							
	STD	00030	- 0.44	32.85	26.41	00.050	1444.8							
	DRS	00030	- 0.44	32.850	26.41		1444.8							
	DRS	00045	- 0.97	32.910	26.48		1442.6							
	STD	00050	- 1.07	33.01	26.57	00.081	1442.4							
	DRS	00050	- 1.07	33.010	26.57		1442.4							
	DRS	00055	- 1.11	33.085	26.63		1442.4							
	STD	00075	- 1.09	33.13	26.66	00.116	1442.9							
	DRS	00075	- 1.09	33.125	26.66		1442.9							
	DRS	00077	- 1.12	33.130	26.66		1442.8							
	DRS	00084	- 1.09	33.155	26.68		1443.1							
	DRS	00095	- 1.10	33.185	26.71		1443.2							
	STD	00100	- 1.06	33.23	26.74	00.150	1443.6							
	DRS	00100	- 1.06	33.230	26.74		1443.6							
	DRS	00116	- 1.04	33.270	26.77		1444.0							
	STD	00125	- 0.96	33.32	26.81	00.182	1444.6							
	DRS	00125	- 0.96	33.320	26.81		1444.6							
	DRS	00145	- 0.87	33.440	26.91		1445.5							
	STD	00150	- 0.82	33.45	26.91	00.212	1445.8							
	DRS	00150	- 0.82	33.450	26.91		1445.8							
	DRS	00154	- 0.78	33.460	26.92		1446.1							
	DRS	00160	- 0.78	33.470	26.93		1446.2							
	DRS	00162	- 0.74	33.515	26.96		1446.5							
	DRS	00181	- 0.73	33.490	26.94		1446.8							

TABLE XH1.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID: 31 8296	YEAR: 1972	STATION: 00622	AIR TEMP: 02.H	DIR HGT: PFR	WIND-OIR	INST STD RECORDER	TEN SJ: 1306
CONSEC: 0084	MONTH: 05	SHIP EV	WFT BULB: 01-7	09 0 2	WIND-SPO	TRACF DIR: 0	5 SQUARE: 2
LAT: 43 02 N	DAY: 17	DATA USE: 1	BAROMETR: 1021.0	SFA	WIND-FJR	DURATION: 00.3	2 SQUARE: 28
LONG: 749 36 W	MOJR: 06.2	AREA: 05	CLUT: T/A	CL/TP	WEATHER: 22	ORIG TIP: 110	1 SQUARE: 39

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	CHYG	P34	TOT P	NO2	NO3	SI33	PH
06.2	STD	00700	01.25	32.69	26.20	00.000	1451.8							
	QRS	00800	01.25	32.690	26.20		1451.8							
	QRS	00905	00.36	32.785	26.32		1447.9							
	STD	00010	00.21	32.83	26.37	00.017	1447.4							
	QRS	00010	00.21	32.830	26.37		1447.4							
	QRS	00012	00.06	32.940	26.38		1446.8							
	QRS	00016	00.01	32.855	26.40		1446.6							
	STD	00020	-0.39	32.88	26.43	00.034	1444.9							
	STD	00030	-1.09	32.91	26.49	00.050	1441.8							
	QRS	00030	-1.09	32.915	26.49		1441.8							
	QRS	00044	-1.31	32.940	26.52		1441.1							
	STD	00050	-1.37	33.06	26.61	00.079	1441.0							
	QRS	00050	-1.37	33.060	26.61		1441.0							
	QRS	00053	-1.39	33.095	26.64		1441.1							
	QRS	00055	-1.37	33.135	26.68		1441.2							
	QRS	00060	-1.38	33.145	26.68		1441.3							
	STD	00075	-1.07	33.31	26.81	00.113	1443.2							
	QRS	00075	-1.07	33.310	26.81		1443.2							
	QRS	00085	-0.97	33.375	26.86		1443.9							
	STD	00100	-0.93	33.39	26.87	00.143	1444.4							
	QRS	00100	-0.93	33.395	26.87		1444.4							
	STD	00125	-0.87	33.43	26.90	00.172	1445.1							
	QRS	00125	-0.87	33.430	26.90		1445.1							
	STD	00150	-0.83	33.44	26.91	00.201	1445.8							
	QRS	00150	-0.83	33.445	26.91		1445.8							
	QRS	00160	-0.74	33.470	26.93		1446.4							
	QRS	00180	-0.74	33.510	26.96		1446.8							
	STD	00200	-0.66	33.56	27.00	00.257	1447.5							
	QRS	00200	-0.66	33.560	27.00		1447.5							
	QRS	00225	-0.53	33.645	27.06		1448.7							
	QRS	00234	-0.53	33.675	27.08		1448.9							
	STD	00250	-0.29	33.80	27.17	00.306	1450.4							
	QRS	00250	-0.29	33.800	27.17		1450.4							
	QRS	00260	-0.15	33.820	27.18		1451.3							
	QRS	00270	00.51	33.935	27.24		1454.6							
	QRS	00280	00.88	34.100	27.35		1456.8							
	QRS	00295	01.21	34.100	27.33		1458.4							
	STD	00300	01.26	34.12	27.34	00.347	1458.7							
	QRS	00300	01.26	34.120	27.34		1458.7							
	QRS	00335	01.33	34.125	27.34		1459.6							
	QRS	00355	01.63	34.225	27.40		1461.4							
	QRS	00385	03.38	34.485	27.46		1469.9							
	QRS	00395	02.57	34.425	27.49		1466.5							
	STD	00400	02.58	34.43	27.49	00.415	1466.5							
	QRS	00400	02.58	34.430	27.49		1466.6							
	QRS	00425	02.75	34.490	27.52		1467.8							
	STD	00500	03.88	34.74	27.62	00.473	1474.2							
	QRS	00500	03.88	34.745	27.62		1474.2							
	QRS	00510	03.95	34.780	27.64		1474.8							
	QRS	00520	03.87	34.770	27.64		1474.6							
	QRS	00550	04.01	34.805	27.65		1475.7							
	STD	00600	04.08	34.83	27.66	00.524	1476.9							
	QRS	00600	04.08	34.830	27.66		1476.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	ROTOP 01756	AIR TEMP 05.0	OIR HGT PER	WIND-OIR 12	INST STD RECORDER	TEY SJ 1306
CONSEC 0085	MONTH 05	SHIP EV	WET BULB 03.9	26 2 2	WIND-SPD 12	TRACE OIR	5 SQUARE 2
LAT 42 52 N	DAY 10	DATA USE 1	BAROMETER 1020.0	SEA	WIND-FIR	DURATION 00-3	2 SQUARE 28
LONG 049 32 W	HOOR 08.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X	ORIG IIP 110	1 SQUARE 29

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	XYG	P16	TOT P	Q32	NO3	S133	P4
08.2	STO	00000	01.04	32.85	26.34	00.000	1451.0							
	OBS	00000	01.04	32.850	26.34		1451.0							
	STO	00010	00.10	32.85	26.39	00.017	1446.9							
	OBS	00010	00.10	32.850	26.39		1446.9							
	STO	00020	- 0.64	32.86	26.41	00.033	1443.7							
	OBS	00020	- 0.64	32.840	26.41		1443.7							
	STO	00030	- 0.76	32.98	26.53	00.049	1443.5							
	OBS	00030	- 0.76	32.985	26.53		1443.5							
	OBS	00017	- 0.96	33.100	26.63		1442.8							
	OBS	00040	- 0.38	33.190	26.69		1445.7							
	STO	00050	- 0.90	33.14	26.66	00.078	1443.4							
	OBS	00050	- 0.90	33.140	26.66		1443.4							
	OBS	00055	- 1.07	33.150	26.68		1442.7							
	OBS	00060	- 0.90	33.180	26.70		1443.6							
	OBS	00065	- 1.09	33.235	26.75		1442.9							
	STO	00075	- 0.96	33.29	26.79	00.111	1443.7							
	OBS	00075	- 0.96	33.290	26.79		1443.7							
	OBS	00080	- 0.94	33.330	26.82		1443.9							
	OBS	00090	- 0.96	33.370	26.85		1444.1							
	STO	00100	- 0.89	33.42	26.89	00.141	1444.6							
	OBS	00100	- 0.89	33.425	26.89		1444.6							
	STO	00125	- 0.61	33.59	27.02	00.169	1446.6							
	OBS	00125	- 0.61	33.590	27.02		1446.6							
	OBS	00135	- 0.58	33.595	27.02		1446.9							
	STO	00150	- 0.63	33.62	27.04	00.194	1446.9							
	OBS	00150	- 0.63	33.620	27.04		1446.9							
	OBS	00181	- 0.22	33.730	27.11		1449.5							
	STO	00200	- 0.06	33.83	27.19	00.242	1450.7							
	OBS	00200	- 0.06	33.835	27.19		1450.7							
	OBS	00227	00.85	34.090	27.35		1455.6							
	OBS	00240	01.72	34.230	27.40		1459.9							
	STO	00250	01.75	34.23	27.40	00.282	1460.2							
	OBS	00250	01.75	34.230	27.40		1460.2							
	OBS	00260	01.76	34.250	27.41		1460.5							
	OBS	00280	02.51	34.410	27.48		1464.3							
	STO	00300	02.75	34.45	27.49	00.315	1465.7							
	OBS	00300	02.75	34.455	27.49		1465.7							
	OBS	00330	03.49	34.630	27.57		1469.6							
	OBS	00340	03.66	34.750	27.64		1470.7							
	OBS	00354	03.68	34.740	27.63		1471.0							
	OBS	00390	04.33	34.820	27.63		1474.4							
	STO	00400	04.32	34.79	27.61	00.372	1474.5							
	OBS	00400	04.32	34.795	27.61		1474.5							
	OBS	00430	04.03	34.785	27.63		1473.8							
	STO	00500	04.16	34.84	27.66	00.423	1475.6							
	OBS	00500	04.16	34.840	27.66		1475.6							
	STO	00600	04.23	34.88	27.69	00.471	1477.6							
	OBS	00600	04.23	34.880	27.69		1477.6							
	STO	00700	04.20	34.89	27.70	00.518	1479.1							
	OBS	00700	04.20	34.895	27.70		1479.1							
	STO	00800	04.13	34.90	27.72	00.565	1480.5							
	OBS	00800	04.13	34.905	27.72		1480.5							
	OBS	00850	04.11	34.910	27.72		1481.2							
	OBS	00860	04.15	34.920	27.73		1481.6							
	STO	00900	04.15	34.92	27.73	00.612	1482.3							
	OBS	00900	04.15	34.925	27.73		1482.3							
	STO	01000	04.15	34.93	27.74	00.658	1483.9							
	OBS	01000	04.15	34.930	27.74		1483.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—(Continued)

REFID 31 8296	YEAR 1972	ROTOP 02487	AIR TEMP 05.6	DIR HGT PER	WIND-DIR 14	INST STD RECORDER	TEN SQ 1306
CONSTC 0386	MONTH 05	SHIP LV	WFT RULR 04.4	26 2 3	WIND-SPD 12	TRACE DIR 0	5 SQUARE 2
LAT 42 35 N	DAY 10	DATA USE 1	BARUMETR 1019.0	SEA	WIND-F3R	DURATION 00.3	2 SQUARE 28
LONG 049 28 W	HCUP 10.8	AREA 05	CLOUD 7/4	CL/TR	WEATHER 44	ORIG 11P 110	1 SQUARE 29

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	OXYG	P34	TOT P	M02	M03	S103	P4
13.8	STD	00000	01.51	32.33	26.30	00.000	1453.1							
	DRS	00000	01.51	32.935	26.30		1453.1							
	STD	00010	00.68	33.05	26.52	00.016	1449.9							
	DRS	00010	00.68	33.050	26.52		1449.9							
	DRS	00015	01.34	33.390	26.75		1453.4							
	STD	00020	01.67	33.49	26.61	00.030	1455.1							
	STD	00030	02.26	33.65	26.89	00.042	1458.0							
	DRS	00030	02.26	33.650	26.89		1458.0							
	DRS	00038	02.66	33.740	26.93		1460.0							
	DRS	00040	02.70	33.755	26.94		1460.3							
	STD	00050	03.31	33.88	26.98	00.065	1463.2							
	DRS	00050	03.31	33.875	26.98		1463.2							
	DRS	00065	00.53	33.620	26.99		1450.9							
	STD	00075	01.11	33.69	27.01	00.092	1453.7							
	DRS	00075	01.11	33.690	27.01		1453.7							
	DRS	00087	00.62	33.715	27.06		1451.8							
	DRS	00091	00.76	33.730	27.06		1452.5							
	STD	00100	00.21	33.73	27.09	00.117	1450.2							
	DRS	00100	00.23	33.730	27.09		1450.2							
	DRS	00106	00.20	33.785	27.14		1450.3							
	DRS	00120	01.26	33.970	27.22		1455.5							
	STD	00125	01.16	33.98	27.24	00.140	1455.2							
	DRS	00125	01.16	33.980	27.24		1455.2							
	STD	00150	02.51	34.13	27.26	00.161	1461.8							
	DRS	00150	02.51	34.130	27.26		1461.8							
	DRS	00160	01.50	34.135	27.34		1457.5							
	DRS	00175	03.46	34.450	27.42		1466.7							
	DRS	00192	03.53	34.445	27.41		1467.3							
	STD	00200	03.36	34.44	27.43	00.199	1466.7							
	DRS	00200	03.36	34.440	27.43		1466.7							
	DRS	00215	02.33	34.320	27.42		1462.3							
	DRS	00242	04.35	34.668	27.51		1471.9							
	STD	00250	04.12	34.61	27.49	00.231	1471.0							
	DRS	00250	04.12	34.615	27.49		1471.0							
	DRS	00272	03.34	34.490	27.47		1467.8							
	STD	00300	05.02	34.91	27.63	00.260	1475.9							
	DRS	00300	05.02	34.915	27.63		1475.9							
	DRS	00322	04.81	34.890	27.63		1476.2							
	DRS	00395	04.85	34.930	27.66		1476.8							
	STD	00400	04.69	34.90	27.65	00.310	1476.2							
	DRS	00400	04.69	34.899	27.65		1476.2							
	DRS	00425	04.53	34.895	27.67		1475.9							
	DRS	00475	04.47	34.895	27.67		1476.5							
	STD	00500	04.25	34.86	27.67	00.359	1476.0							
	DRS	00500	04.25	34.865	27.67		1476.0							
	DRS	00516	04.13	34.870	27.69		1475.7							
	DRS	00554	04.13	34.890	27.71		1476.4							
	STD	00600	04.23	34.91	27.71	00.405	1477.6							
	DRS	00600	04.23	34.910	27.71		1477.6							
	DRS	00635	04.09	34.900	27.72		1477.6							
	STD	00700	04.05	34.90	27.73	00.450	1478.5							
	DRS	00700	04.05	34.905	27.73		1478.5							
	STD	00800	04.04	34.91	27.73	00.495	1480.1							
	DRS	00800	04.04	34.913	27.73		1480.1							
	DRS	00825	04.08	34.937	27.75		1480.7							
	STD	00900	04.02	34.92	27.74	00.540	1481.7							
	DRS	00900	04.02	34.923	27.74		1481.7							
	STD	01000	04.02	34.93	27.75	00.585	1483.4							
	DRS	01000	04.02	34.934	27.75		1483.4							
	DRS	01052	04.00	34.938	27.76		1484.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 3246	YEAR 1972	BOATDP 03017	AIR TEMP 07.2	DIR HGT 0FR	#IND-01R 13	INST STD RECORDER	TEMP SQ 1306
CUNSEC 0087	MONTH 05	SHIP FY	NET HULR 07.2	17 2 2	#IND-SPD 14	TRACE DIP 0	4 SQUARE 2
LAT 42 26 N	DAY 19	DATA USE 1	BAROMETER 1014.6	SFA	#IND-FIR	DURATION 00.2	2 SQUARE 28
LONG 047 25 W	HOUR 13.7	AREA 05	CLOUD 1/A	CL/TR	WEATHER X	ORIG TIP 110	1 SQUARE 29

CASSTNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNORTH	SNOW VEL	DXFG	PJA	TOT P	N12	N03	S133	PH
13.2	STO	00000	01.34	32.85	26.32	00.000	1452.4							
	78S	00000	01.34	32.850	26.32		1452.4							
	STO	00010	00.07	32.43	26.38	00.017	1446.8							
	78S	00010	00.07	32.830	26.38		1446.8							
	STO	00020	- 0.66	33.01	26.55	00.033	1443.8							
	78S	00020	- 0.66	33.010	26.55		1443.8							
	STO	00030	- 0.85	33.24	26.74	00.047	1443.4							
	78S	00030	- 0.85	33.240	26.74		1443.4							
	STO	00050	- 0.98	33.34	26.83	00.072	1443.3							
	78S	00050	- 0.98	33.345	26.83		1443.3							
	STO	00075	01.76	33.55	26.85	00.102	1456.4							
	78S	00075	01.76	33.550	26.85		1456.4							
	STO	00100	01.68	33.83	27.08	00.130	1456.9							
	78S	00100	01.68	33.830	27.08		1456.9							
	STO	00112	- 0.05	33.730	27.11		1449.1							
	78S	00112	- 0.05	33.730	27.11		1449.1							
	STO	00125	00.26	33.83	27.17	00.154	1450.9							
	78S	00125	00.26	33.830	27.17		1450.9							
	STO	00150	00.80	33.97	27.25	00.175	1454.0							
	78S	00150	00.80	33.970	27.25		1454.0							
	STO	00200	03.65	34.42	27.38	00.214	1467.9							
	78S	00221	04.29	34.580	27.44		1471.1							
	STO	00240	04.59	34.710	27.51		1472.9							
	78S	00250	04.27	34.65	27.51	00.247	1471.6							
	STO	00250	04.27	34.655	27.51		1471.6							
	78S	00300	05.17	34.85	27.56	00.277	1476.5							
	STO	00300	05.17	34.855	27.56		1476.5							
	78S	00319	04.94	34.880	27.61		1475.9							
	STO	00350	05.37	34.980	27.64		1478.3							
	78S	00400	05.18	34.92	27.62	00.332	1478.2							
	STO	00400	05.18	34.925	27.62		1478.2							
	78S	00410	04.90	34.945	27.66		1477.3							
	STO	00432	05.14	34.965	27.65		1478.7							
	78S	00470	05.07	34.975	27.67		1479.0							
	STO	00500	04.65	34.93	27.69	00.383	1477.7							
	78S	00500	04.65	34.935	27.69		1477.7							
	STO	00520	04.85	34.960	27.68		1478.9							
	78S	00550	04.51	34.928	27.70		1478.0							
	STO	00600	04.39	34.92	27.71	00.429	1478.3							
	78S	00600	04.39	34.925	27.71		1478.3							
	STO	00700	04.38	34.92	27.71	00.476	1479.9							
	78S	00700	04.38	34.925	27.71		1479.9							
	STO	00800	04.19	34.94	27.74	00.522	1480.8							
	78S	00800	04.19	34.940	27.74		1480.8							
	STO	00900	04.08	34.94	27.75	00.566	1482.0							
	78S	00900	04.08	34.940	27.75		1482.0							
	STO	01000	04.01	34.94	27.76	00.611	1483.4							
	78S	01000	04.01	34.940	27.76		1483.4							
	STO	01030	03.94	34.935	27.76		1483.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 4296	YEAR 1972	BOTOP 03237	AIR TEMP 11.1	DIR HGT PER	WIND-DIR 21	INST STD REC'D	TEN SQ 1306
CONSEC 0088	MONTH 05	SHIP EV	WET BULB 10.0	17 1 X	WIND-SPD 15	SPACE DIR 0	5 SQUARE 2
LAT 41 57 N	DAY 10	DATA USE 1	BAROMETR 1017.3	SEA	WIND-FJR	DURATION 03.3	2 SQUARE 09
LONG 049 12 W	HOUR 17-0	AREA 05	CLOUD T/A	CL/TX	WEATHER X4	ORIG TIP 110	1 SQUARE 19

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OMNOPTH	SND VEL	3XYG	R34	TOT P	402	403	5133	R4
17.0	STD	00000	04.14	33.17	25.34	00.000	1465.0							
	DBS	00000	04.14	33.170	25.34		1465.0							
	STD	00010	04.17	33.38	26.50	00.016	1465.6							
	STD	00020	04.25	33.56	26.64	00.031	1466.3							
	DBS	00020	04.25	33.560	26.64		1466.3							
	DBS	00027	04.33	33.670	26.72		1466.9							
	STD	00030	04.26	33.65	26.71	00.045	1466.6							
	DBS	00030	04.26	33.650	26.71		1466.6							
	DBS	00040	03.91	33.690	26.78		1465.4							
	STD	00050	03.69	33.67	26.79	00.071	1466.6							
	DBS	00050	03.69	33.675	26.79		1466.6							
	DBS	00058	03.65	33.745	26.85		1466.6							
	DBS	00072	03.84	33.805	26.87		1465.8							
	STD	00075	03.65	33.79	26.88	00.102	1465.0							
	DBS	00075	03.65	33.790	26.88		1465.0							
	DBS	00085	04.05	33.895	26.92		1467.0							
	STD	00100	02.77	33.98	27.11	00.129	1461.9							
	DBS	00100	02.77	33.980	27.11		1461.9							
	DBS	00109	02.66	34.060	27.19		1461.7							
	STD	00125	03.94	34.31	27.27	00.151	1467.7							
	DBS	00125	03.94	34.310	27.27		1467.7							
	DBS	00145	03.79	34.330	27.30		1467.4							
	STD	00150	03.85	34.34	27.30	00.171	1467.8							
	DBS	00150	03.85	34.340	27.30		1467.8							
	DBS	00160	04.16	34.475	27.37		1469.5							
	DBS	00172	04.41	34.490	27.36		1470.7							
	DBS	00190	05.17	34.730	27.46		1474.5							
	STD	00200	05.22	34.75	27.48	00.207	1474.9							
	DBS	00200	05.22	34.755	27.48		1474.9							
	DBS	00230	05.36	34.755	27.46		1475.9							
	STD	00250	05.31	34.78	27.49	00.239	1476.1							
	DBS	00250	05.31	34.780	27.49		1476.1							
	DBS	00280	04.18	34.710	27.56		1471.8							
	STD	00300	04.14	34.69	27.55	00.269	1472.0							
	DBS	00300	04.14	34.695	27.55		1472.0							
	DBS	00339	03.60	34.685	27.60		1470.3							
	STD	00400	03.98	34.77	27.63	00.324	1473.1							
	DBS	00400	03.98	34.770	27.63		1473.1							
	STD	00500	04.36	34.88	27.67	00.374	1476.4							
	DBS	00500	04.36	34.875	27.67		1476.4							
	DBS	00528	04.71	34.945	27.69		1478.4							
	STD	00600	04.57	34.93	27.69	00.422	1479.0							
	DBS	00600	04.57	34.935	27.69		1479.0							
	STD	00700	04.30	34.92	27.71	00.469	1479.6							
	DBS	00700	04.30	34.920	27.71		1479.6							
	STD	00800	04.27	34.93	27.72	00.515	1481.1							
	DBS	00800	04.27	34.930	27.72		1481.1							
	DBS	00820	04.20	34.928	27.73		1481.1							
	DBS	00882	04.27	34.955	27.74		1482.5							
	STD	00900	04.08	34.92	27.74	00.561	1482.0							
	DBS	00900	04.08	34.920	27.74		1482.0							
	STD	01000	04.04	34.93	27.75	00.607	1483.5							
	DBS	01000	04.04	34.931	27.75		1483.5							

TABLE XIII.— Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

RFFID 31 4296	YEAR 1972	8NTOP 03456	AIR TEMP 15.6	OIR HGT PER	WIND-OIR 22	INST STO RECORDER	TEN SQ 1306
CONSEC 0089	MONTH 05	SHIP EV	MFT RULR 14.4	12 1 2	WIND-SPO 15	TRACE OIR 0	5 SQUARE 2
LAT 41 27 N	DAY 10	DATA USE 1	BAROMETR 0999.8	SEA	WIND-FOR	DURATION 00.5	2 SQUARE 08
LONG 049 49 W	MOIR 23.0	AREA 05	CLOUD T/4	CL/TR	WFATHEX X2	ORIG IIP 113	1 SQUARE 18

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDEPTH	SNO VEL	JXYG	P14	TOT P	N02	N03	SIG3	P4
21.0	STO	00000	10.64	33.72	25.86	00.000	1491.1							
	ORS	00000	10.64	33.720	25.86		1491.1							
	STO	00010	12.58	34.75	26.30	00.019	1499.3							
	ORS	00010	12.58	34.750	26.30		1499.3							
	STO	00020	12.56	34.89	26.41	00.036	1499.6							
	ORS	00020	12.56	34.890	26.41		1499.6							
	STO	00030	11.06	34.89	26.70	00.051	1494.5							
	ORS	00030	11.06	34.890	26.70		1494.5							
	STO	00050	11.07	34.90	26.70	00.078	1494.9							
	STO	00075	11.07	34.93	26.73	00.112	1495.4							
	STO	00100	11.08	34.99	26.77	00.145	1495.9							
	ORS	00100	11.08	34.990	26.77		1495.9							
	STO	00125	11.18	35.11	26.84	00.177	1496.8							
	STO	00150	11.29	35.19	26.89	00.208	1497.7							
	ORS	00150	11.29	35.190	26.89		1497.7							
	ORS	00173	10.68	35.240	27.04		1496.0							
	STO	00200	11.00	35.34	27.06	00.265	1497.7							
	ORS	00200	11.00	35.340	27.06		1497.7							
	STO	00250	09.36	35.08	27.14	00.316	1492.2							
	ORS	00250	09.36	35.080	27.14		1492.2							
	ORS	00275	08.76	35.010	27.18		1490.3							
	STO	00300	08.57	35.03	27.23	00.363	1490.0							
	ORS	00300	08.57	35.028	27.23		1490.0							
	ORS	00305	08.38	35.030	27.26		1489.4							
	ORS	00312	08.70	35.090	27.26		1490.8							
	ORS	00330	07.51	34.900	27.29		1486.3							
	STO	00400	06.49	34.84	27.38	00.447	1483.4							
	ORS	00400	06.49	34.840	27.38		1483.4							
	ORS	00421	06.68	34.950	27.44		1484.6							
	ORS	00455	05.87	34.840	27.46		1481.8							
	ORS	00488	03.30	34.489	27.47		1471.2							
	STO	00500	03.75	34.56	27.49	00.517	1473.5							
	ORS	00500	03.75	34.565	27.49		1473.5							
	ORS	00511	04.53	34.790	27.58		1477.2							
	ORS	00514	04.23	34.740	27.58		1475.9							
	ORS	00560	05.53	34.945	27.59		1482.3							
	STO	00600	05.16	34.93	27.62	00.577	1481.5							
	ORS	00600	05.16	34.930	27.62		1481.5							
	ORS	00632	05.26	34.972	27.64		1482.5							
	ORS	00660	05.25	34.980	27.65		1482.9							
	STO	00700	05.14	34.98	27.67	00.631	1483.1							
	ORS	00700	05.14	34.984	27.67		1483.1							
	STO	00800	04.71	34.97	27.71	00.681	1483.0							
	ORS	00800	04.71	34.975	27.71		1483.0							
	ORS	00815	04.66	34.980	27.72		1483.0							
	ORS	00885	04.65	34.982	27.72		1484.2							
	STO	00900	04.58	34.99	27.74	00.729	1484.1							
	ORS	00900	04.58	34.990	27.74		1484.1							
	STO	01000	04.39	34.98	27.75	00.775	1485.0							
	ORS	01000	04.39	34.985	27.75		1485.0							

TABLE XIII.— Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31	R296	YEAR	1972	BOAT	02784	AIR TEMP	17.8	DIR HGT	PER	WIND-OIR	23	INST	STN	RECORDER	TEN	52	1306	
CONSEC	0090		MONTH	05	SHIP	EV	WET BULB	16.7	IO	3	2			TRACE	OIR	0	5	SQUARE	2
LAT	41 02 N		DAY	11	DATA	USE	1	8	BAROMETER	1013.9	SEA		WIND-FIR		DURATION	00.5	2	SQUARE	00
LONG	049 30 W		HOUR	02.0	AREA	05		CLOUD	1/4	CL/TR		WEATHER	X1	ORIG	IIP	110	1	SQUARE	18

CASSTNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	XYG	P74	TOT P	NO2	NO3	SIC3	P4
02.0	STO	00000	18.17	36.34	26.27	00.000	1518.6							
	URS	00000	18.17	36.340	26.27		1518.6							
	STO	00010	18.18	36.35	26.28	00.018	1518.8							
	URS	00010	18.18	36.350	26.28		1518.9							
	STO	00020	18.11	36.31	26.26	00.035	1518.7							
	URS	00020	18.11	36.310	26.26		1518.7							
	STO	00030	17.61	36.34	26.41	00.052	1517.5							
	URS	00030	17.61	36.340	26.41		1517.5							
	URS	00032	17.58	36.370	26.44		1517.4							
	URS	00040	17.59	36.370	26.44		1517.6							
	STO	00050	17.56	36.36	26.44	00.085	1517.7							
	URS	00050	17.56	36.365	26.44		1517.7							
	STO	00075	17.39	36.36	26.48	00.125	1517.6							
	URS	00075	17.39	36.360	26.48		1517.6							
	STO	00100	17.26	36.33	26.49	00.164	1517.6							
	URS	00100	17.26	36.335	26.49		1517.6							
	STO	00125	16.96	36.32	26.55	00.203	1517.1							
	URS	00125	16.96	36.320	26.55		1517.1							
	STO	00150	16.84	36.29	26.56	00.242	1517.1							
	URS	00150	16.84	36.290	26.56		1517.1							
	URS	00170	16.61	36.250	26.58		1516.7							
	URS	00190	15.64	36.030	26.64		1513.8							
	STO	00200	15.31	35.94	26.64	00.317	1512.8							
	URS	00200	15.31	35.940	26.64		1512.9							
	STO	00250	14.11	35.77	26.78	00.387	1509.6							
	URS	00250	14.11	35.770	26.78		1509.6							
	URS	00290	12.28	35.305	26.79		1503.6							
	STO	00300	12.67	35.47	26.84	00.453	1505.3							
	URS	00300	12.67	35.470	26.84		1505.3							
	URS	00315	13.07	35.660	26.91		1507.1							
	URS	00340	11.51	35.240	26.89		1501.6							
	STO	00400	09.76	35.05	27.05	00.574	1496.1							
	URS	00400	09.76	35.050	27.05		1496.1							
	URS	00413	09.03	34.950	27.09		1493.5							
	URS	00437	07.26	34.680	27.15		1486.8							
	URS	00465	08.36	34.950	27.20		1491.9							
	STO	00500	06.27	34.61	27.23	00.675	1483.9							
	URS	00500	06.27	34.610	27.23		1483.9							
	URS	00513	06.41	34.650	27.24		1484.7							
	URS	00520	06.66	34.800	27.33		1486.0							
	URS	00560	04.55	34.500	27.35		1477.7							
	URS	00597	06.99	34.940	27.39		1488.8							
	STO	00600	06.81	34.90	27.39	00.760	1488.0							
	URS	00600	06.81	34.900	27.39		1488.0							
	URS	00635	06.04	34.950	27.53		1485.6							
	URS	00660	06.23	35.010	27.55		1486.9							
	STO	00700	05.99	35.00	27.58	00.831	1486.5							
	URS	00700	05.98	35.000	27.58		1486.5							
	URS	00747	05.37	34.950	27.61		1484.8							
	STO	00800	05.19	34.97	27.65	00.889	1485.0							
	URS	00800	05.19	34.975	27.65		1485.0							
	STO	00900	04.95	34.99	27.69	00.942	1485.7							
	URS	00900	04.95	34.990	27.69		1485.7							
	STO	01000	04.76	34.99	27.72	00.993	1486.5							
	URS	01000	04.76	34.990	27.72		1486.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTOP 04572	AIR TEMP 16.1	DIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN SJ 1306
CONSEC 0091	MONTH 05	SHIP EV	WET RUL8 15.0	16 2 2	WIND-SPO 23	TRACE DIR 0	5 SQUARE 2
LAT 42 12 N	DAY 11	DATA USE 1	BAROMETR 1011.9	SEA	WIND-FJR	DUPATION 00.4	2 SQUARE 26
LONG 046 49 W	HOUR 10.5	AREA 05	CLOUD T/A	CL/YR	WEATHER X1	ORIG IIP 110	1 SQUARE 24

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	P4
10.5	STD	00030	13.52	35.07	25.36	00.000	1502.7							
	085	00000	13.52	35.070	26.36		1502.7							
	STD	00010	14.47	35.69	26.64	00.015	1506.7							
	085	00010	14.47	35.690	26.64		1506.7							
	085	00013	14.63	35.735	26.64		1507.3							
	STD	00020	14.43	35.71	26.66	00.029	1506.8							
	085	00020	14.43	35.710	26.66		1506.8							
	STD	00030	14.28	35.66	26.66	00.043	1506.4							
	085	00030	14.28	35.665	26.66		1506.4							
	STD	00050	13.74	35.54	26.68	00.071	1504.8							
	085	00050	13.74	35.545	26.68		1504.9							
	STD	00075	13.32	35.48	26.72	00.106	1503.8							
	085	00075	13.32	35.485	26.72		1503.8							
	085	00083	13.36	35.490	26.71		1504.0							
	STD	00100	12.93	35.44	26.77	00.139	1502.8							
	085	00100	12.93	35.445	26.77		1502.8							
	085	00110	13.15	35.540	26.80		1503.8							
	STD	00125	12.37	35.40	26.85	00.171	1501.3							
	085	00125	12.37	35.405	26.85		1501.3							
	085	00136	12.42	35.390	26.83		1501.6							
	STD	00150	10.47	35.00	26.89	00.201	1494.5							
	085	00160	09.42	34.790	26.91		1490.6							
	085	00197	08.01	34.492	26.89		1485.5							
	STD	00200	08.15	34.52	26.89	00.262	1486.2							
	085	00200	08.15	34.520	26.89		1486.2							
	085	00210	07.83	34.495	26.92		1485.1							
	085	00238	10.50	35.100	26.96		1496.2							
	085	00246	09.64	34.990	27.02		1493.1							
	STD	00250	09.64	35.09	27.10	00.317	1493.3							
	085	00250	09.64	35.090	27.10		1493.3							
	STD	00300	10.05	35.22	27.13	00.368	1495.8							
	085	00300	10.05	35.220	27.13		1495.8							
	085	00340	08.33	34.930	27.19		1489.7							
	STD	00400	07.44	34.85	27.26	00.463	1487.1							
	085	00400	07.44	34.850	27.26		1487.1							
	085	00482	06.66	34.940	27.44		1485.6							
	085	00493	06.49	34.970	27.49		1485.1							
	STD	00500	06.65	35.04	27.52	00.540	1485.9							
	085	00500	06.65	35.040	27.52		1485.9							
	085	00507	07.06	35.090	27.50		1487.7							
	085	00516	06.64	35.020	27.50		1486.1							
	085	00531	06.69	35.070	27.54		1486.7							
	085	00563	06.47	35.010	27.52		1486.2							
	STD	00600	06.13	35.04	27.59	00.602	1485.5							
	085	00600	06.13	35.040	27.59		1485.5							
	085	00629	05.98	35.070	27.63		1485.5							
	085	00645	06.84	35.260	27.67		1489.4							
	085	00680	05.82	35.100	27.68		1485.7							
	STD	00700	05.72	35.06	27.66	00.659	1485.6							
	085	00700	05.72	35.060	27.66		1485.6							
	STD	00800	05.17	35.04	27.71	00.711	1485.0							
	085	00800	05.17	35.040	27.71		1485.0							
	STD	00900	04.75	35.02	27.74	00.759	1484.9							
	085	00900	04.75	35.020	27.74		1484.9							
	STD	01000	04.54	35.01	27.76	00.805	1485.7							
	085	01000	04.54	35.010	27.76		1485.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID	31	8296	YEAR	1972	BOTOM	03813	AIR TEMP	12.8	DIA HGT PER	WIND-DIR	21	INST STD RECORDER	TEN SQ 1306
CONSEC	0072		MONTH	05	SHIP EV		WET JUL	12.8	19 3 2	WIND-SPO	15	TRACE DIR	5 SQUARE 2
LAT	42 34 N		DAY	11	DATA USE	1	8400MFR	1007.8	SEA	WIND-FOR		DURATION	00.2
LONG	047 10 W		HOJK	14.5	AREA	05	CLOUD	174	CL/TR	WEATHER	X1	ORIG IIP	110
													2 SQUARE 26
													1 SQUARE 27

CSTATION/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPPTH	SNO VEL	TXPG	P26	TOT P	V32	NQ3	S133	P4
14.5	STD	00000	10.52	34.69	26.64	00.000	1491.9							
	DBS	00000	10.52	34.690	26.64		1491.9							
	STD	00010	07.94	34.30	26.75	00.014	1481.9							
	STD	00020	05.88	34.06	26.85	00.026	1473.7							
	DBS	00029	04.48	33.990	26.95		1468.0							
	STD	00030	04.35	33.99	26.97	00.038	1467.5							
	DBS	00030	04.35	33.990	26.97		1467.5							
	DBS	00040	04.60	34.090	27.02		1468.8							
	STD	00050	07.25	34.44	26.96	00.060	1480.1							
	DBS	00055	07.96	34.540	26.94		1483.1							
	STD	00075	06.72	34.44	27.04	00.087	1478.4							
	DBS	00075	06.72	34.440	27.04		1478.4							
	DBS	00088	08.39	34.770	27.05		1485.6							
	STD	00100	08.67	34.87	27.09	00.112	1486.9							
	DBS	00100	08.67	34.870	27.09		1486.9							
	STD	00125	07.55	34.70	27.13	00.137	1482.9							
	DBS	00130	07.41	34.690	27.14		1482.4							
	DBS	00146	07.15	34.690	27.17		1481.6							
	STD	00150	07.25	34.74	27.20	00.160	1482.1							
	DBS	00150	07.25	34.740	27.20		1482.1							
	DBS	00158	07.36	34.760	27.20		1482.7							
	DBS	00177	07.06	34.740	27.23		1481.8							
	DBS	00189	07.08	34.750	27.23		1482.1							
	DBS	00190	07.00	34.690	27.20		1481.8							
	STD	00200	06.76	34.65	27.20	00.206	1480.9							
	DBS	00200	06.76	34.650	27.20		1480.9							
	DBS	00220	06.30	34.690	27.29		1479.5							
	DBS	00225	06.67	34.760	27.30		1481.1							
	DBS	00245	05.44	34.590	27.32		1476.3							
	STD	00250	05.11	34.56	27.34	00.248	1475.0							
	DBS	00275	04.52	34.490	27.35		1472.9							
	DBS	00280	04.62	34.490	27.34		1473.4							
	DBS	00289	04.17	34.490	27.38		1471.6							
	STD	00300	04.83	34.59	27.39	00.286	1474.7							
	DBS	00300	04.83	34.590	27.39		1474.7							
	DBS	00315	04.30	34.540	27.41		1472.7							
	DBS	00340	04.46	34.640	27.47		1473.9							
	DBS	00360	05.04	34.790	27.53		1476.8							
	DBS	00380	05.21	34.810	27.52		1477.9							
	STD	00400	05.65	34.94	27.57	00.351	1480.2							
	DBS	00400	05.65	34.940	27.57		1480.2							
	DBS	00415	05.73	34.940	27.55		1480.9							
	DBS	00480	05.55	34.970	27.61		1481.1							
	STD	00500	05.92	35.05	27.62	00.407	1483.1							
	DBS	00500	05.92	35.050	27.62		1483.1							
	DBS	00540	05.68	35.059	27.66		1482.8							
	STD	00600	05.60	35.08	27.69	00.460	1483.5							
	DBS	00600	05.60	35.080	27.69		1483.5							
	DBS	00630	05.50	35.065	27.69		1483.5							
	DBS	00667	05.10	35.070	27.70		1482.5							
	STD	00700	05.12	35.04	27.72	00.508	1483.1							
	DBS	00700	05.12	35.043	27.72		1483.1							
	DBS	00730	05.07	35.028	27.71		1483.4							
	STD	00800	04.67	35.00	27.73	00.555	1482.9							
	DBS	00800	04.67	34.996	27.73		1482.9							
	STD	00900	04.40	34.93	27.71	00.603	1483.3							
	DBS	00900	04.40	34.930	27.71		1483.3							
	STD	01000	04.25	34.97	27.76	00.650	1484.4							
	DBS	01000	04.25	34.975	27.76		1484.4							
	DBS	01021	04.22	34.972	27.76		1484.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 8296	YEAR 1972	NOTOP 03499	AIR TEMP 07.2	DIR HGT PER	WIND-DIR 31	INST STD RECORDER	TEN SJ 1306
CONSEC 0093	MONTH 05	SHIP FV	WET RULR 06.7	30 2 2	WIND-SPO 25	TRACE DIR 0	5 SQUARE 2
LAT 42 43 N	DAY 11	DATA USE 1	BAROMETER 1010.5	SEA	WIND-FJR	DISPATCH 07.5	2 SQUARE 28
LONG 048 08 W	HOOR 18.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG TIP 110	1 SQUARE 28

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDEPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	PM
18.2	STD	00000	08.47	34.09	26.51									
	08S	00000	08.47	34.090	26.51	00.000	1483.5							
	08S	00008	09.18	34.690	26.87		1493.5							
	STD	00010	09.02	34.66	26.87		1487.1							
	STD	00020	08.41	34.56	26.88	00.014	1486.5							
	STD	00030	08.13	34.52	26.90	00.025	1484.2							
	08S	00030	08.13	34.520	26.90	00.037	1483.3							
	STD	00050	08.57	34.65	26.93		1483.3							
	08S	00050	08.57	34.650	26.93	00.060	1485.5							
	08S	00063	08.62	34.760	26.99		1485.5							
	STD	00075	08.64	34.79	27.03		1484.0							
	08S	00075	08.64	34.790	27.03	00.088	1486.3							
	STD	00100	06.45	34.48	27.10		1486.3							
	08S	00100	06.45	34.480	27.10	00.113	1477.8							
	08S	00106	06.17	34.410	27.09		1477.8							
	08S	00122	07.33	34.690	27.15		1476.7							
	STD	00125	07.30	34.66	27.13		1481.9							
	08S	00125	07.30	34.660	27.13	00.138	1481.8							
	STD	00150	06.45	34.54	27.15		1481.8							
	08S	00150	06.45	34.540	27.15	00.161	1478.7							
	08S	00190	05.63	34.440	27.18		1478.7							
	STD	00200	05.42	34.49	27.24		1476.0							
	08S	00200	05.42	34.490	27.24	00.207	1475.3							
	08S	00212	05.38	34.500	27.26		1475.3							
	08S	00222	06.22	34.690	27.30		1475.4							
	STD	00250	06.49	34.78	27.34		1479.2							
	08S	00250	06.49	34.780	27.34	00.248	1480.9							
	08S	00268	06.40	34.830	27.39		1480.9							
	STD	00300	06.49	34.89	27.42		1480.9							
	08S	00300	06.49	34.890	27.42	00.285	1481.8							
	08S	00320	06.66	34.950	27.45		1481.8							
	08S	00337	06.32	34.880	27.44		1482.9							
	08S	00355	06.57	34.990	27.49		1481.7							
	08S	00370	06.42	34.990	27.51		1483.2							
	STD	00400	06.26	35.00	27.54		1482.8							
	08S	00400	06.26	35.000	27.54	00.352	1482.7							
	08S	00475	05.20	34.920	27.61		1482.7							
	08S	00489	05.24	34.930	27.61		1479.6							
	STD	00500	05.01	34.90	27.62		1480.0							
	08S	00500	05.01	34.900	27.62	00.409	1479.2							
	08S	00514	05.04	34.910	27.67		1479.2							
	08S	00535	04.90	34.930	27.65		1479.5							
	08S	00554	05.24	34.990	27.66		1479.3							
	STD	00600	05.24	35.01	27.68		1481.1							
	08S	00600	05.24	35.010	27.68	00.462	1481.9							
	08S	00622	05.32	35.030	27.68		1481.9							
	08S	00630	05.22	35.010	27.68		1482.6							
	08S	00679	05.22	34.990	27.66		1482.3							
	STD	00700	04.87	35.00	27.71		1483.1							
	08S	00700	04.89	35.000	27.71	00.511	1482.1							
	08S	00714	04.96	35.030	27.72		1482.1							
	08S	00740	04.58	34.950	27.71		1482.7							
	STD	00800	04.36	34.95	27.73		1481.4							
	08S	00800	04.36	34.950	27.73	00.558	1481.5							
	08S	00821	04.36	34.960	27.74		1481.5							
	08S	00830	04.46	34.980	27.74		1481.9							
	08S	00864	04.35	34.965	27.74		1482.5							
	08S	00890	04.45	34.990	27.75		1482.6							
	STD	00903	04.41	34.97	27.74		1483.4							
	08S	00900	04.41	34.975	27.74	00.603	1483.4							
	08S	00942	04.18	34.945	27.74		1483.4							
	STD	01000	04.11	34.95	27.76		1483.1							
	08S	01000	04.11	34.955	27.76	00.649	1483.8							
	08S	01052	04.07	34.955	27.76		1483.8							
							1484.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	ROTOP 0318Z	AIR TEMP 03.9	OIR HGT PER	41VD-OIR 33	INST STD RECORDER	TEN SQ 1306
CONSEC 0094	MONTH 05	SHIP EV	WET BULB 02.8	26 5 2	WIND-SPO 23	TRACE OIR 7	5 SQUARE 2
LAT 42 57 N	DAY 11	DATA USE 1	BAROMETR 1012.9	SEA	41VO-FIR	OURATION 00.3	2 SQUARE 28
LONG 048 32 W	HOOR 21.1	AREA 05	CLOUD 7/4	CLUTR	WEATHER XL	ORIG IIP 111	1 SQUARE 28

C&STNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNPTH	SNO VEL	3XYG	P34	TOT P	N02	N03	S133	P4
21.1	STD	00000	07.96	34.00	26.52	00.000	1481.5							
	085	00000	07.96	34.000	26.52		1481.5							
	STD	00010	07.97	34.00	26.51	00.015	1481.7							
	085	00010	07.97	34.000	26.51		1481.7							
	STD	00020	08.02	34.00	26.51	00.031	1482.0							
	085	00020	08.02	34.000	26.51		1482.0							
	STD	00030	07.73	34.16	26.68	00.045	1481.3							
	085	00030	07.73	34.160	26.68		1481.3							
	085	00040	07.35	34.350	26.88		1480.2							
	STD	00050	07.45	34.45	26.94	00.070	1480.9							
	085	00050	07.45	34.450	26.94		1480.9							
	085	00063	07.38	34.410	26.92		1480.8							
	STD	00075	07.54	34.49	26.96	00.098	1481.7							
	085	00075	07.54	34.490	26.96		1481.7							
	STD	00100	07.55	34.48	26.95	00.126	1482.2							
	085	00100	07.55	34.480	26.95		1482.2							
	085	00120	06.19	34.390	27.07		1477.0							
	STD	00125	06.26	34.46	27.11	00.153	1477.5							
	085	00125	06.26	34.460	27.11		1477.5							
	STD	00150	06.34	34.53	27.16	00.177	1478.3							
	085	00155	06.35	34.540	27.17		1478.4							
	085	00182	06.34	34.570	27.19		1478.9							
	STD	00200	06.20	34.58	27.22	00.222	1478.6							
	085	00200	06.20	34.580	27.22		1478.6							
	085	00226	05.75	34.590	27.28		1477.2							
	085	00242	05.93	34.690	27.34		1478.4							
	STD	00250	05.78	34.64	27.32	00.265	1477.8							
	085	00250	05.78	34.640	27.32		1477.8							
	STD	00300	04.82	34.60	27.40	00.303	1474.7							
	085	00300	04.82	34.600	27.40		1474.7							
	085	00315	04.42	34.610	27.45		1473.3							
	085	00335	04.67	34.650	27.46		1474.7							
	085	00374	04.17	34.660	27.52		1473.3							
	085	00393	05.23	34.870	27.57		1478.3							
	STD	00400	05.17	34.84	27.55	00.369	1478.1							
	085	00400	05.17	34.840	27.55		1478.1							
	085	00424	05.07	34.850	27.57		1478.1							
	085	00465	04.80	34.865	27.61		1477.7							
	085	00490	04.87	34.912	27.64		1478.4							
	STD	00500	04.73	34.90	27.65	00.424	1478.0							
	085	00530	04.57	34.890	27.66		1477.8							
	085	00575	05.12	35.005	27.69		1481.0							
	STD	00600	05.00	34.99	27.69	00.474	1480.9							
	085	00600	05.00	34.990	27.69		1480.9							
	085	00690	04.67	34.982	27.72		1481.0							
	STD	00700	04.80	35.01	27.73	00.521	1481.8							
	085	00700	04.80	35.013	27.73		1481.8							
	STD	00800	04.67	35.01	27.74	00.566	1482.9							
	085	00800	04.67	35.008	27.74		1482.9							
	STD	00900	04.44	35.00	27.76	00.611	1483.6							
	085	00900	04.44	34.999	27.76		1483.6							
	STD	01000	04.24	34.98	27.77	00.656	1484.4							
	085	01000	04.24	34.985	27.77		1484.4							
	085	01067	04.17	34.978	27.77		1485.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTOP 02012	AIR TEMP 03.9	DIR HGT PER	WIND-DIR 33	INST STO RECORDER	TEN S2 1306
CONSEC 0095	MONTH 05	SHIP EV	WET RULB 02.9	26 4 3	WIND-SPD 23	TRACE DIR 3	5 SQUARE 2
LAT 43 07 N	DAY 12	DATA USE 1	BAROMETR 1015.6	SEA	WIND-FTR	DURATION 00.4	2 SQUARE 28
LONG 049 00 W	MOHR 01.3	AREA 05	CLOUD T/4	CL/TR	WEATHER X1	ORIG IIP 111	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SNO VEL	OXYG	P34	TOT P	N02	N03	S133	P4
31.3	STN	00000	05.59	33.62	26.54	00.000	1471.6							
	085	00000	05.59	33.620	26.54		1471.6							
	STN	00010	05.59	33.62	26.54	00.015	1471.8							
	085	00010	05.59	33.620	26.54		1471.8							
	STN	00020	05.57	33.62	26.54	00.030	1471.8							
	085	00020	05.57	33.620	26.54		1471.8							
	STN	00030	03.74	33.48	26.63	00.045	1464.2							
	085	00030	03.74	33.480	26.63		1464.2							
	STN	00034	03.50	33.650	26.78		1463.5							
	085	00034	03.50	33.650	26.78		1463.5							
	STN	00050	03.44	33.68	26.91	00.072	1463.5							
	085	00050	03.44	33.680	26.91		1463.5							
	STN	00073	03.54	33.750	26.86		1464.4							
	085	00073	03.54	33.750	26.86		1464.4							
	STN	00075	03.52	33.77	26.88	00.102	1464.4							
	085	00075	03.52	33.770	26.88		1464.4							
	STN	00100	02.67	33.93	27.08	00.129	1461.4							
	085	00100	02.67	33.930	27.08		1461.4							
	STN	00117	03.12	34.130	27.20		1463.9							
	085	00117	03.12	34.130	27.20		1463.9							
	STN	00125	02.96	34.16	27.24	00.152	1463.3							
	085	00125	02.96	34.160	27.24		1463.3							
	STN	00150	03.70	34.39	27.35	00.172	1467.2							
	085	00150	03.70	34.390	27.35		1467.2							
	STN	00165	03.21	34.320	27.35		1465.3							
	085	00165	03.21	34.320	27.35		1465.3							
	STN	00200	04.24	34.58	27.45	00.207	1470.6							
	085	00200	04.24	34.580	27.45		1470.6							
	STN	00211	04.57	34.630	27.45		1472.2							
	085	00211	04.57	34.630	27.45		1472.2							
	STN	00220	04.51	34.650	27.47		1472.1							
	085	00220	04.51	34.650	27.47		1472.1							
	STN	00241	04.61	34.680	27.40		1472.9							
	085	00241	04.61	34.680	27.40		1472.9							
	STN	00245	04.74	34.780	27.55		1473.7							
	085	00245	04.74	34.780	27.55		1473.7							
	STN	00250	04.71	34.75	27.53	00.239	1473.6							
	085	00250	04.71	34.750	27.53		1473.6							
	STN	00274	04.61	34.780	27.57		1473.6							
	085	00274	04.61	34.780	27.57		1473.6							
	STN	00300	04.68	34.92	27.59	00.267	1474.4							
	085	00300	04.68	34.920	27.59		1474.4							
	STN	00329	04.74	34.880	27.63		1475.2							
	085	00329	04.74	34.880	27.63		1475.2							
	STN	00349	04.91	34.900	27.63		1476.3							
	085	00349	04.91	34.900	27.63		1476.3							
	STN	00365	04.73	34.910	27.66		1475.8							
	085	00365	04.73	34.910	27.66		1475.8							
	STN	00400	04.90	34.93	27.65	00.319	1477.1							
	085	00400	04.90	34.930	27.65		1477.1							
	STN	00407	04.90	34.930	27.65		1477.1							
	085	00407	04.90	34.930	27.65		1477.1							
	STN	00500	04.49	34.90	27.68	00.368	1477.0							
	085	00500	04.49	34.900	27.68		1477.0							
	STN	00570	04.46	34.940	27.71		1478.1							
	085	00570	04.46	34.940	27.71		1478.1							
	STN	00590	04.32	34.915	27.71		1477.8							
	085	00590	04.32	34.915	27.71		1477.8							
	STN	00600	04.36	34.93	27.72	00.414	1478.2							
	085	00600	04.36	34.935	27.72		1478.2							
	STN	00655	04.21	34.925	27.73		1478.4							
	085	00655	04.21	34.925	27.73		1478.4							
	STN	00700	04.24	34.93	27.73	00.459	1479.3							
	085	00700	04.24	34.935	27.73		1479.3							
	STN	00733	04.24	34.935	27.73		1479.8							
	085	00733	04.24	34.935	27.73		1479.8							
	STN	00760	04.14	34.915	27.73		1479.9							
	085	00760	04.14	34.915	27.73		1479.9							
	STN	00800	04.11	34.92	27.73	00.504	1480.4							
	085	00800	04.11	34.920	27.73		1480.4							
	STN	00900	04.00	34.91	27.74	00.549	1481.6							
	085	00900	04.00	34.915	27.74		1481.6							
	STN	01000	03.92	34.91	27.75	00.594	1483.0							
	085	01000	03.92	34.915	27.75		1483.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BUTOP 00914	AIR TEMP 02.2	DIR HGT PER	WIND-31R 23	INST STD RECORDER	TEN 50 1306
CNSEC 0096	MONTH 05	SHIP EV	WET RUB 01.7	34 2 3	WIND-SPD 24	TRACE DIR 3	5 SQUARE 2
LAT 43 10 N	DAY 12	DATA USE 1	BAROMETER 1031.2	SEA	WIND-FJR	DURATION 03.3	2 SQUARE 28
LONG 049 18 W	WIND 04.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X?	ORIG IIP 111	1 SQUARE 39

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOP TH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	S133	P4
04.5	STD	00000	- 0.11	32.91	26.45	00.000	1445.9							
	QRS	00000	- 0.11	32.910	26.45		1445.9							
	STD	00010	- 0.11	32.91	26.45	00.016	1446.0							
	QRS	00010	- 0.11	32.910	26.45		1446.0							
	STD	00020	- 0.11	32.91	26.45	00.032	1446.2							
	QRS	00020	- 0.11	32.910	26.45		1446.2							
	STD	00030	- 0.11	32.91	26.45	00.048	1446.4							
	QRS	00030	- 0.11	32.910	26.45		1446.4							
	QRS	00040	- 0.11	32.940	26.50		1446.6							
	STD	00050	- 0.51	33.08	26.60	00.078	1445.1							
	QRS	00050	- 0.51	33.080	26.60		1445.1							
	STD	00075	- 0.78	33.44	26.90	00.111	1444.8							
	QRS	00075	- 0.78	33.440	26.90		1444.8							
	STD	00100	- 0.56	33.48	26.93	00.139	1446.2							
	QRS	00100	- 0.56	33.480	26.93		1446.2							
	QRS	00103	- 0.72	33.560	27.00		1445.7							
	STD	00125	- 0.35	33.57	27.07	00.166	1447.9							
	QRS	00125	- 0.35	33.670	27.07		1447.9							
	QRS	00147	- 0.08	33.740	27.12		1449.6							
	STD	00153	- 0.10	33.73	27.11	00.190	1449.5							
	QRS	00150	- 0.10	33.730	27.11		1449.5							
	QRS	00160	- 0.14	33.780	27.15		1449.6							
	QRS	00175	- 0.21	33.810	27.17		1450.5							
	QRS	00187	- 0.01	33.840	27.19		1450.7							
	STD	00200	00.34	33.90	27.22	00.236	1452.6							
	QRS	00200	00.34	33.900	27.22		1452.6							
	QRS	00221	00.25	33.890	27.22		1452.5							
	STD	00250	00.72	34.03	27.31	00.277	1455.3							
	QRS	00250	00.72	34.030	27.31		1455.3							
	STD	00300	01.65	34.30	27.46	00.312	1460.7							
	QRS	00300	01.65	34.300	27.46		1460.7							
	QRS	00345	03.11	34.600	27.58		1468.2							
	QRS	00370	03.24	34.610	27.57		1469.2							
	QRS	00380	03.58	34.730	27.64		1471.0							
	STD	00400	03.70	34.73	27.62	00.370	1471.8							
	QRS	00400	03.70	34.730	27.62		1471.8							
	QRS	00450	04.02	34.820	27.66		1474.1							
	QRS	00471	04.07	34.820	27.66		1474.5							
	STD	00500	04.09	34.85	27.68	00.419	1475.3							
	QRS	00500	04.09	34.850	27.68		1475.3							
	STD	00600	04.10	34.87	27.69	00.466	1477.0							
	QRS	00600	04.10	34.870	27.69		1477.0							
	STD	00700	04.13	34.86	27.68	00.514	1478.8							
	QRS	00700	04.13	34.861	27.68		1478.8							
	STD	00800	04.10	34.90	27.72	00.562	1480.4							
	QRS	00800	04.10	34.900	27.72		1480.4							
	QRS	00841	04.09	34.900	27.72		1481.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31	B296	YEAR 1972	ROTOP 00366	AIR TEMP 01.7	OIR HGT PER	WIND-DIP 33	INST STD RECORDER	TEN SO 1306
CONSEC 0097		MONTH 05	SHIP EV	WET RULB 01.1	34 2 2	WIND-SPD 13	TRACE OIR 0	5 SQUARE 2
LAT 43 15 N		DAY 17	DATA USF 1	BAROMETR 1018.6	SEA	WIND-FJR	DURATION 00.2	2 SQUARE 28
LONG 049 31 W		HOUR 07.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG TIP 111	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	UYN00TH	SNO VEL	OXYG	P34	TOT P	N02	N03	S103	P4
07.2	STD	00000	00.37	32.91	26.42	00.000	1448.1							
	NBS	00000	00.37	32.910	26.42		1448.1							
	STD	00010	00.37	32.90	26.42	00.016	1448.2							
	NBS	00010	00.37	32.900	26.42		1448.2							
	STD	00020	- 0.14	32.89	26.43	00.032	1446.0							
	NBS	00027	- 0.41	32.880	26.44		1444.9							
	STD	00030	- 0.50	32.95	26.50	00.048	1444.6							
	NBS	00030	- 0.50	32.950	26.50		1444.6							
	NBS	00035	- 0.56	32.950	26.50		1444.4							
	NBS	00045	- 1.00	33.070	26.61		1442.7							
	STD	00050	- 0.93	33.08	26.62	00.078	1443.1							
	NBS	00050	- 0.93	33.080	26.62		1443.1							
	NBS	00060	- 0.93	33.100	26.63		1443.3							
	NBS	00071	- 1.12	33.140	26.67		1442.7							
	STD	00075	- 1.05	33.22	26.73	00.112	1443.2							
	NBS	00075	- 1.05	33.220	26.73		1443.2							
	NBS	00085	- 1.05	33.230	26.74		1443.4							
	STD	00100	- 1.12	33.27	26.78	00.144	1443.3							
	NBS	00100	- 1.12	33.270	26.78		1443.3							
	NBS	00116	- 1.12	33.310	26.81		1443.7							
	STD	00125	- 1.06	33.35	26.84	00.175	1444.1							
	NBS	00125	- 1.06	33.350	26.84		1444.1							
	NBS	00136	- 1.06	33.360	26.85		1444.3							
	NBS	00141	- 0.98	33.420	26.89		1444.9							
	STD	00150	- 0.96	33.41	26.89	00.205	1445.1							
	NBS	00150	- 0.96	33.410	26.89		1445.1							
	NBS	00160	- 0.72	33.540	26.98		1446.6							
	STD	00200	- 0.44	33.65	27.06	00.260	1448.7							
	NBS	00200	- 0.44	33.650	27.06		1448.7							
	STD	00250	- 0.16	33.76	27.14	00.308	1451.0							
	NBS	00250	- 0.16	33.765	27.14		1451.0							
	NBS	00267	- 0.01	33.835	27.19		1452.0							
	NBS	00275	00.24	33.900	27.23		1453.4							
	NBS	00290	00.38	33.920	27.24		1454.3							
	NBS	00296	00.18	33.970	27.29		1453.6							
	STD	00300	00.47	34.01	27.30	00.351	1455.0							
	NBS	00306	00.69	34.040	27.31		1456.1							
	NBS	00314	00.61	34.070	27.30		1455.9							
	NBS	00322	01.00	34.070	27.32		1457.9							
	NBS	00325	00.94	34.030	27.30		1457.1							
	NBS	00330	00.96	34.080	27.33		1457.8							
	NBS	00340	01.19	34.090	27.32		1459.0							
	NBS	00352	01.20	34.080	27.31		1459.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BDTDP 00073	AIR TEMP 02.8	DIR HGT PER	WIND-DIR 33	INST STD RECORDER	TEN SQ 1306
CONSEC 0099	MONTH 05	SHIP EV	WET BULB 01.7	30 5 2	WIND-SPD 15	TRACE DIR 0	5 SQUARE 2
LAT 43 14 N	DAY 12	DATA USE 1	BAROMETER 1020.0	SEA	WIND-FJR	DURATION 03.1	2 SQUARE 28
LONG 049 39 W	HOHR 09.0	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG IIP 111	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SWD VEL	OXYG	P14	TOT P	NO2	NO3	S133	PH
09.0	STD	00000	01.25	32.95	26.41	00.000	1452.1							
	DRS	00000	01.25	32.950	26.41		1452.1							
	STD	00010	00.82	32.96	26.44	00.016	1453.4							
	STD	00020	00.39	32.97	26.47	00.032	1448.6							
	DRS	00020	00.39	32.970	26.47		1448.6							
	DRS	00025	- 0.60	32.940	26.49		1444.1							
	STD	00030	- 0.72	33.03	26.57	00.047	1443.7							
	DRS	00030	- 0.72	33.030	26.57		1443.7							
	STD	00050	- 0.78	33.07	26.60	00.076	1443.8							
	DRS	00050	- 0.79	33.070	26.60		1443.3							

REFID 31 4296	YEAR 1972	BDTDP 00046	AIR TEMP 02.8	DIR HGT PER	WIND-DIR 32	INST STD RECORDER	TEN SQ 1306
CONSEC 0099	MONTH 05	SHIP EV	WET BULB 01.7	30 5 3	WIND-SPD 05	TRACE DIR 0	5 SQUARE 2
LAT 44 02 N	DAY 12	DATA USE 1	BAROMETER 1021.3	SEA	WIND-FJR	DURATION 00.1	2 SQUARE 48
LONG 049 26 W	HOHR 13.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG IIP 111	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SWD VEL	OXYG	P14	TOT P	NO2	NO3	S133	PH
13.4	STD	00000	01.46	32.97	26.41	00.000	1453.1							
	DRS	00000	01.46	32.970	26.41		1453.1							
	DRS	00004	01.35	32.930	26.38 *		1452.6							
	STD	00010	01.14	32.94	26.40	00.010	1452.7							
	DRS	00010	01.34	32.945	26.40		1452.7							
	STD	00020	01.31	32.96	26.41	00.033	1452.7							
	DRS	00020	01.31	32.960	26.41		1452.7							
	STD	00030	01.27	32.96	26.41	00.049	1452.7							
	DRS	00030	01.27	32.960	26.41		1452.7							
	DRS	00033	01.27	32.965	26.42		1452.8							

REFID 31 8296	YEAR 1972	BDTDP 00146	AIR TEMP 04.4	DIR HGT PER	WIND-DIR 32	INST STD RECORDER	TEN SQ 1306
CONSEC 0100	MONTH 05	SHIP EV	WET BULB 03.3	30 5 3	WIND-SPD 05	TRACE DIR 0	5 SQUARE 2
LAT 43 55 N	DAY 12	DATA USE 1	BAROMETER 1021.7	SEA	WIND-FJR	DURATION 03.1	2 SQUARE 28
LONG 049 06 W	HOHR 15.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG IIP 111	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SWD VEL	OXYG	P14	TOT P	NO2	NO3	S133	PH
15.1	STD	00000	00.80	32.88	26.38	00.000	1450.0							
	DRS	00000	00.80	32.880	26.38		1450.0							
	STD	00010	00.39	32.93	26.44	00.016	1448.4							
	DRS	00010	00.39	32.930	26.44		1448.4							
	STD	00020	00.31	32.93	26.44	00.032	1449.2							
	DRS	00020	00.31	32.930	26.44		1448.2							
	STD	00030	00.24	32.93	26.45	00.048	1448.0							
	DRS	00030	00.24	32.930	26.45		1448.0							
	DRS	00042	- 0.83	33.010	26.56		1443.4							
	STD	00050	- 0.82	33.02	26.57	00.079	1443.6							
	DRS	00050	- 0.82	33.020	26.57		1443.6							
	STD	00075	- 1.01	33.09	26.63	00.115	1443.2							
	DRS	00075	- 1.01	33.095	26.63		1443.2							
	STD	00100	- 1.14	33.16	26.69	00.150	1443.1							
	DRS	00100	- 1.14	33.163	26.69		1443.1							
	STD	00125	- 1.18	33.27	26.78	00.182	1443.5							
	DRS	00125	- 1.18	33.268	26.78		1443.5							
	DRS	00130	- 1.14	33.305	26.81		1443.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31	R296	YEAR 1972	80TOP 00366	AIR TEMP 04.4	DIR HGT PER	WIND-DIR 22	INST STO RECORDER	TEN SQ 1306
CONSFC 0101	MONTH 05	SHIP EV	WET BULR 07.8	30 2 X	WIND-SPD 20	TRACE DIR D	5 SQUARE 2	
LAT 43 52 N	DAY 12	DATA USE 1	BAROMETR 1022.7	SEA	WIND-FJR	DURATION 00.1	2 SQUARE 28	
LONG 048 57 W	HOUR 16.0	AREA 05	CLQU) T/A	CL/TR	WEATHER X)	ORIG IIP 111	1 SQUARE 38	

CASSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	CHYG	P34	TOT P	NO2	NO3	S133	P4
16.0	STD	00000	00.16	32.95	26.47	00.000	1447.2							
	DBS	00000	00.16	32.955	26.47		1447.2							
	STD	00010	- 0.06	32.96	26.49	00.016	1446.4							
	DBS	00010	- 0.06	32.962	26.49		1446.4							
	STD	00020	- 0.08	32.96	26.49	00.031	1446.4							
	DBS	00020	- 0.08	32.964	26.49		1446.4							
	STD	00030	- 1.01	32.98	26.54	00.046	1442.3							
	DBS	00030	- 1.01	32.980	26.54		1442.3							
	DBS	00043	- 1.38	33.200	26.73		1441.1							
	STD	00050	- 1.26	33.30	26.81	00.074	1441.9							
	DBS	00050	- 1.26	33.300	26.81		1441.9							
	STD	00075	- 1.13	33.37	26.86	00.104	1443.0							
	DBS	00075	- 1.13	33.370	26.86		1443.0							
	STD	00100	- 1.09	33.39	26.88	00.134	1443.7							
	DBS	00100	- 1.09	33.393	26.88		1443.7							
	DBS	00106	- 0.97	33.460	26.93		1444.4							
	STD	00125	- 0.95	33.45	26.92	00.163	1444.8							
	DBS	00125	- 0.95	33.450	26.92		1444.8							
	STD	00150	- 0.78	33.51	26.96	00.191	1446.1							
	DBS	00150	- 0.78	33.510	26.96		1446.1							
	DBS	00176	- 0.48	33.595	27.02		1448.0							
	DBS	00196	- 0.52	33.750	27.14		1448.2							
	STD	00200	- 0.28	33.81	27.18	00.241	1449.7							
	DBS	00200	- 0.28	33.810	27.18		1449.7							
	DBS	00222	00.46	34.029	27.32		1453.7							
	STD	00250	00.65	34.07	27.35	00.282	1455.1							
	DBS	00250	00.65	34.075	27.35		1455.1							
	DBS	00274	01.18	34.200	27.41		1458.0							
	STD	00300	01.31	34.22	27.42	00.317	1459.1							
	DBS	00300	01.31	34.222	27.42		1459.1							
	DBS	00313	01.71	34.340	27.49		1461.2							

TABLE XIII.--Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.--Continued

REF ID	31 8296	YEAR	1972	REF ID	01554	AIR TEMP	04.4	DIP HGT	PER	WIND-DIR	23	INST STD RECORDER	REN SD	1306
CONSFC	0102	MONTH	05	SHIP EV		MFT BULB	02.8	31	2 2	WIND-SPD	13	TRACE DIR	5	SQUARE 2
LAT	43 48 N	DAY	12	DATA USE	1	BAROMETR	1021.4	SEA		WIND-F3R		DURATION	03.2	2 SQUARE 28
LONG	048 49 W	HOUR	16.9	AREA	05	CLOUD T/A		CLTR		WEATHER	X)	DRIG IIP	111	1 SQUARE 38

CSTN/UTIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPHT	SND VEL	OXYG	P34	TOT P	Y02	NO1	SIG3	P4
16.9	STD	00000	00.57	32.93	26.43	00.000	1449.0							
	URS	00000	00.57	32.930	26.43		1449.0							
	STD	00010	00.28	32.96	26.47	00.016	1447.9							
	URS	00010	00.28	32.960	26.47		1447.9							
	STD	00020	00.26	32.96	26.47	00.032	1448.0							
	URS	00020	00.26	32.965	26.47		1448.0							
	STD	00030	00.27	32.97	26.48	00.047	1448.2							
	URS	00030	00.27	32.972	26.48		1448.2							
	URS	00033	00.27	32.975	26.48		1448.3							
	URS	00041	- 1.24	33.030	26.59		1441.5							
	STD	00050	- 0.88	33.38	26.86	00.075	1443.8							
	URS	00050	- 0.88	33.380	26.86		1443.8							
	URS	00060	- 0.83	33.370	26.85		1444.2							
	URS	00062	- 0.93	33.350	26.84		1443.7							
	STD	00075	- 0.93	33.45	26.97	00.104	1444.1							
	URS	00075	- 0.93	33.450	26.92		1444.1							
	URS	00090	- 0.75	33.540	26.98		1445.3							
	STD	00100	- 0.77	33.58	27.02	00.131	1445.4							
	URS	00100	- 0.77	33.580	27.02		1445.4							
	STD	00125	- 0.51	33.72	27.12	00.156	1447.2							
	URS	00125	- 0.51	33.725	27.12		1447.2							
	STD	00150	00.36	33.89	27.21	00.179	1451.9							
	URS	00150	00.36	33.890	27.21		1451.9							
	URS	00163	00.23	33.930	27.25		1451.5							
	URS	00180	00.45	33.975	27.28		1452.9							
	URS	00192	00.45	34.010	27.30		1453.1							
	STD	00200	00.84	34.16	27.40	00.219	1455.2							
	URS	00200	00.84	34.160	27.40		1455.2							
	URS	00235	04.67	34.580	27.40		1473.0							
	URS	00246	04.47	34.570	27.42		1472.3							
	STD	00250	04.49	34.63	27.46	00.251	1472.5							
	URS	00250	04.49	34.630	27.46		1472.5							
	URS	00257	04.77	34.700	27.49		1473.9							
	URS	00273	03.78	34.580	27.50		1467.9							
	URS	00290	03.42	34.560	27.52		1468.6							
	STD	00300	03.52	34.59	27.53	00.283	1469.2							
	URS	00300	03.52	34.595	27.53		1469.2							
	URS	00325	02.99	34.570	27.56		1467.3							
	URS	00372	03.46	34.720	27.64		1470.3							
	URS	00390	03.49	34.703	27.62		1470.7							
	STD	00400	03.65	34.76	27.65	00.336	1471.6							
	URS	00400	03.65	34.760	27.65		1471.6							
	URS	00415	03.86	34.820	27.68		1472.9							
	STD	00500	03.97	34.84	27.69	00.383	1474.8							
	URS	00500	03.97	34.845	27.69		1474.8							
	STD	00600	04.08	34.88	27.71	00.429	1476.9							
	URS	00600	04.08	34.884	27.71		1476.9							
	STD	00700	04.09	34.89	27.71	00.475	1478.6							
	URS	00700	04.09	34.891	27.71		1478.6							
	STD	00800	04.10	34.91	27.72	00.521	1480.4							
	URS	00800	04.10	34.909	27.72		1480.4							
	STD	00900	04.09	34.91	27.73	00.568	1482.0							
	URS	00900	04.09	34.908	27.73		1482.0							
	STD	01000	04.09	34.91	27.73	00.615	1483.7							
	URS	01000	04.09	34.915	27.73		1483.7							
	URS	01008	04.09	34.917	27.73		1483.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BDTOP 01756	AIR TEMP 02.8	OIR HGT PER	WIND-OIR 75	INST STD RECORDER	TEN SQ 1306
CONSEC 0113	MONTH 05	SHIP EV	MET BULB 01.7	22 2 2	WIND-SPD 12	TRACE OIR 0	5 SQUARE 2
LAT 44 34 N	DAY 14	DATA USE 1	BAROMETR 1021.0	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 48
LONG 048 44 W	HOHR 10.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X)	ORIG IIP 111	1 SQUARE 48

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	P4
10.7	STD	00000	- 0.14	33.03	26.55	00.000	1445.9							
	DRS	00000	- 0.14	33.030	26.55		1445.9							
	STD	00010	- 0.14	33.03	26.55	00.015	1446.1							
	DRS	00010	- 0.14	33.030	26.55		1446.1							
	STD	00020	- 0.15	33.03	26.55	00.030	1446.2							
	DRS	00020	- 0.15	33.030	26.55		1446.2							
	STD	00030	- 0.16	33.03	26.55	00.045	1446.3							
	DRS	00030	- 0.16	33.030	26.55		1446.3							
	STD	00040	- 0.03	33.060	26.56		1447.1							
	DRS	00040	- 0.03	33.060	26.56		1447.1							
	STD	00050	- 0.10	33.07	26.58	00.075	1447.0							
	DRS	00050	- 0.10	33.070	26.58		1447.0							
	STD	00062	- 1.13	33.450	26.92		1442.9							
	DRS	00062	- 1.13	33.450	26.92		1442.9							
	STD	00075	- 0.88	33.57	27.01	00.106	1444.5							
	DRS	00075	- 0.88	33.570	27.01		1444.5							
	STD	00100	- 0.57	33.75	27.14	00.131	1445.6							
	DRS	00100	- 0.57	33.750	27.14		1445.6							
	STD	00125	- 0.39	33.84	27.21	00.153	1448.0							
	DRS	00125	- 0.39	33.840	27.21		1448.0							
	STD	00150	- 0.40	33.86	27.23	00.175	1448.3							
	DRS	00150	- 0.40	33.860	27.23		1448.3							
	STD	00200	00.35	34.06	27.35	00.214	1452.9							
	DRS	00200	00.35	34.060	27.35		1452.9							
	STD	00250	01.13	34.24	27.45	00.249	1457.5							
	DRS	00250	01.13	34.240	27.45		1457.5							
	STD	00300	02.01	34.46	27.56	00.279	1462.5							
	DRS	00300	02.01	34.460	27.56		1462.5							
	STD	00332	02.95	34.600	27.59		1467.3							
	DRS	00332	02.95	34.600	27.59		1467.3							
	STD	00350	02.78	34.560	27.58		1466.8							
	DRS	00350	02.78	34.560	27.58		1466.8							
	STD	00372	03.72	34.750	27.64		1471.6							
	DRS	00372	03.72	34.750	27.64		1471.6							
	STD	00400	03.77	34.77	27.65	00.330	1472.2							
	DRS	00400	03.77	34.770	27.65		1472.2							
	STD	00450	04.00	34.810	27.66		1474.0							
	DRS	00450	04.00	34.810	27.66		1474.0							
	STD	00500	03.97	34.82	27.67	00.379	1474.7							
	DRS	00500	03.97	34.820	27.67		1474.7							
	STD	00540	04.16	34.860	27.68		1476.2							
	DRS	00540	04.16	34.860	27.68		1476.2							
	STD	00600	04.26	34.88	27.68	00.427	1477.7							
	DRS	00600	04.26	34.880	27.68		1477.7							
	STD	00700	04.19	34.88	27.69	00.475	1479.0							
	DRS	00700	04.19	34.880	27.69		1479.0							
	STD	00800	04.11	34.88	27.70	00.523	1480.4							
	DRS	00800	04.11	34.880	27.70		1480.4							
	STD	00900	04.37	34.940	27.72		1482.4							
	DRS	00900	04.37	34.940	27.72		1482.4							
	STD	00950	04.28	34.94	27.73	00.571	1482.8							
	DRS	00950	04.28	34.940	27.73		1482.8							
	STD	00990	04.28	34.940	27.73		1483.2							
	DRS	00990	04.28	34.940	27.73		1483.2							
	STD	01000	04.22	34.92	27.72	00.618	1484.2							
	DRS	01000	04.22	34.920	27.72		1484.2							
	STD	01060	04.18	34.920	27.73		1485.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8206.—(Continued)

REFID 31 R296	YEAR 1972	BOTOP 00677	AIR TEMP 02.2	DIP HGT PFR	WIND-DIP 25	INST STO RECORDER	TEN SJ 1306
CONSEC 0114	MONTH 05	SHIP EV	WET BULB 01.1	24 3 2	WIND-SPO 04	TRACE DIR 0	5 SQUARE 2
LAT 44 37 N	DAY 14	DATA USE 1	BARUMETR 1021.3	SEA	WIND-FJR	DURATION 07.1	2 SQUARE 49
LONG 048 56 W	MOUP 12.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG IIP 111	1 SQUARE 48

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	JKYG	P74	TOT P	NO2	NO3	SI33	P4
12.4	STD	00000	00.67	32.90	25.40	00.000	1449.4							
	DBS	00000	00.67	32.900	26.40		1449.4							
	STD	00010	00.61	32.90	26.40	00.016	1449.3							
	DBS	00010	00.61	32.900	26.40		1449.3							
	STD	00020	- 0.53	32.40	26.38	00.033	1444.1							
	DBS	00020	- 0.53	32.400	26.38		1444.1							
	STD	00030	- 1.06	31.05	26.60	00.048	1442.2							
	DBS	00030	- 1.06	31.050	26.60		1442.2							
	STD	00050	- 1.18	33.22	26.74	00.076	1442.2							
	DBS	00050	- 1.18	33.220	26.74		1442.2							
	STD	00075	- 1.23	33.34	26.84	00.108	1442.5							
	DBS	00075	- 1.23	33.340	26.84		1442.5							
	STD	00100	- 0.91	31.48	26.94	00.137	1444.6							
	DBS	00100	- 0.91	31.480	26.94		1444.6							
	STD	00125	- 0.53	31.67	27.08	00.163	1447.1							
	DBS	00125	- 0.53	31.670	27.08		1447.1							
	DBS	00131	- 0.80	31.650	27.07		1445.9							
	STD	00150	- 0.60	31.75	27.15	00.187	1447.3							
	DBS	00150	- 0.60	31.750	27.15		1447.3							
	DBS	00164	- 0.27	31.950	27.21		1449.2							
	DBS	00185	- 0.27	31.960	27.22		1449.5							
	STD	00200	- 0.03	31.92	27.26	00.231	1451.0							
	DBS	00200	- 0.03	31.920	27.26		1451.0							
	DBS	00220	00.45	34.035	27.32		1453.6							
	STD	00250	00.65	34.10	27.37	00.269	1455.1							
	DBS	00250	00.65	34.100	27.37		1455.1							
	STD	00300	01.15	34.27	27.47	00.303	1458.4							
	DBS	00300	01.15	34.270	27.47		1458.4							
	DBS	00352	01.81	34.400	27.53		1462.4							
	STD	00400	01.95	34.42	27.54	00.363	1463.9							
	DBS	00400	01.95	34.425	27.54		1463.9							
	DBS	00421	01.99	34.445	27.55		1464.4							
	DBS	00443	02.31	34.510	27.59		1466.3							
	DBS	00454	02.72	34.570	27.59		1468.3							
	STD	00503	03.23	34.71	27.65	00.416	1471.4							
	DBS	00500	03.23	34.710	27.65		1471.4							
	DBS	00550	03.74	34.920	27.69		1474.6							
	DBS	00570	03.94	34.984	27.72		1475.9							
	STD	00600	03.98	34.88	27.72	00.463	1476.5							
	DBS	00600	03.98	34.885	27.72		1476.5							
	DBS	00634	03.99	34.890	27.72		1476.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID	31	8296	YEAR	1972	BJTOP	00210	AIR TEMP	07.2	OIR HGT	PER	WIND-DIR	25	INST STD RECORDER	TEN SQ	1306	
CONSEC	0115		MONTH	05	SHIP EV		WET BULB	01.1	24	5	3	WIND-SPD	05	TRACE OIR	0	5 SQUARE 2
LAT	44	38	N	DAY	14	DATA USE	1	BAROMETR	1022.0	SFA		WIND-FIP		DURATION	00.1	2 SQUARE 48
LONG	049	06	W	HOUR	13.5	AREA	05	CLOUD	T/A	CL/TR		WEATHER	X1	ORIG IIP	111	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	JXYG	PJ4	TOT P	NO2	NO3	SIG3	P4
13.5	STD	00000	00.60	32.93	26.43	00.000	1449.2							
	OBS	00000	00.60	32.930	26.43		1449.2							
	STD	00010	00.51	32.94	26.44	00.016	1449.9							
	OBS	00010	00.51	32.943	26.44		1449.9							
	STD	00020	00.46	32.94	26.44	00.032	1449.9							
	OBS	00020	00.46	32.940	26.44		1449.9							
	STD	00030	00.22	32.92	26.44	00.048	1447.9							
	OBS	00030	00.22	32.918	26.44		1447.9							
	STD	00039	00.01	32.960	26.48		1447.1							
	OBS	00050	- 0.01	32.97	26.49	00.079	1447.3							
	STD	00050	- 0.01	32.973	26.49		1447.3							
	OBS	00075	- 0.01	32.98	26.50	00.118	1447.7							
	STD	00075	- 0.01	32.978	26.50		1447.7							
	OBS	00095	00.00	32.975	26.50		1449.0							
	STD	00100	- 0.05	32.97	26.49	00.157	1447.9							
	OBS	00100	- 0.05	32.970	26.49		1447.9							
	STD	00115	- 0.14	32.985	26.51		1447.7							
	OBS	00115	- 0.14	32.985	26.51	00.195	1447.4							
	STD	00125	- 0.26	32.99	26.52		1447.4							
	OBS	00125	- 0.26	32.990	26.52		1446.7							
	STD	00140	- 0.46	33.060	26.58		1446.7							
	OBS	00145	- 0.47	33.105	26.62		1446.9							

REFID	31	3296	YEAR	1972	BJTOP	00064	AIR TEMP	03.9	OIR HGT	PER	WIND-DIR	27	INST STD RECORDER	TEN SQ	1306	
CONSEC	0116		MONTH	05	SHIP EV		WET BULB	02.8	26	1	2	WIND-SPD	14	TRACE OIR	0	5 SQUARE 2
LAT	44	42	N	DAY	14	DATA USE	1	BAROMETR	1023.0	SEA		WIND-FIP		DURATION	00.1	2 SQUARE 48
LONG	049	23	W	HOUR	14.8	AREA	05	CLOUD	T/A	CL/TR		WEATHER	X1	ORIG IIP	111	1 SQUARE 49

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	JXYG	PJ4	TOT P	NO2	NO3	SIG3	P4
14.9	STD	00000	01.02	32.96	26.43	00.000	1451.1							
	OBS	00000	01.02	32.960	26.43		1451.1							
	STD	00010	00.75	32.94	26.43	00.016	1450.0							
	OBS	00010	00.75	32.945	26.43		1450.0							
	STD	00020	00.63	32.94	26.43	00.032	1449.6							
	OBS	00020	00.63	32.938	26.43		1449.6							
	STD	00030	00.51	32.96	26.46	00.048	1449.3							
	OBS	00030	00.51	32.963	26.46		1449.3							
	STD	00045	00.46	32.970	26.47		1449.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF ID	31	9296	YEAR	1972	BOTDP	03658	AIR TEMP	05.6	DIR HGT	PER	WIND-DIR	23	INST	STO	RECOR	TEMP	53	1306
CONSEC		0117	MONTH	05	SHIP	EV	WET	RULA	04.4		WIND-SPD	08	TRACE	DIR	0	5	SQUARE	2
LAT	44	45	N	DAY	15	DATA	USE	1	BAROMETR	1023.8	SEA		WIND-FTR		09.7	2	SQUARE	46
LONG	046	00	W	HOUR	02.8	AREA		05	CLOUD	T/A	CL/TR		WEATHER	X1	ORIG	11P	111	1

CASNUM/TIME	LVL	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	CHYG	P14	TOT P	N02	N03	S133	P4
02.8	STO	00000	09.57	34.56	26.70	00.000	1488.3							
	085	00000	09.57	34.560	26.70		1488.3							
	085	00009	09.58	34.540	26.68		1488.4							
	STO	00010	09.93	34.65	26.71	00.013	1489.8							
	085	00014	10.07	34.460	26.79		1493.7							
	STO	00020	10.95	34.97	26.78	00.027	1494.1							
	085	00020	10.95	34.970	26.78		1494.1							
	085	00023	10.96	34.980	26.79		1494.2							
	085	00029	10.90	34.970	26.79		1494.1							
	STO	00030	10.59	34.96	26.84	00.039	1493.0							
	085	00030	10.59	34.960	26.84		1493.0							
	085	00040	08.72	34.610	26.88		1485.8							
	STO	00050	08.55	34.57	26.87	00.063	1485.3							
	085	00050	08.55	34.570	26.87		1485.3							
	STO	00075	09.30	34.72	26.87	00.093	1488.6							
	085	00099	09.72	34.910	26.87		1490.6							
	STO	00100	08.49	34.74	27.02	00.122	1486.1							
	085	00100	08.49	34.740	27.02		1486.1							
	085	00107	07.49	34.600	27.06		1482.2							
	085	00120	06.77	34.490	27.07		1479.4							
	STO	00125	06.81	34.53	27.10	00.148	1479.7							
	085	00125	06.81	34.530	27.10		1479.7							
	085	00140	07.57	34.710	27.13		1483.2							
	STO	00150	07.34	34.71	27.16	00.172	1482.5							
	085	00150	07.34	34.710	27.16		1482.5							
	085	00170	06.74	34.650	27.20		1480.4							
	STO	00200	06.29	34.60	27.22	00.217	1479.0							
	085	00200	06.29	34.600	27.22		1479.0							
	085	00206	06.42	34.690	27.27		1477.7							
	085	00213	06.25	34.630	27.25		1479.1							
	085	00219	06.35	34.730	27.32		1479.7							
	085	00232	06.05	34.690	27.37		1478.7							
	STO	00250	05.28	34.57	27.32	00.259	1475.7							
	085	00250	05.29	34.570	27.32		1475.7							
	085	00267	05.20	34.620	27.37		1475.7							
	085	00278	05.29	34.640	27.38		1476.3							
	STO	00300	04.98	34.63	27.41	00.297	1475.4							
	085	00300	04.98	34.630	27.41		1475.4							
	085	00302	04.96	34.680	27.45		1475.4							
	085	00308	05.10	34.670	27.42		1476.1							
	085	00313	04.97	34.680	27.45		1475.6							
	085	00360	06.54	34.990	27.49		1483.1							
	STO	00400	06.24	34.98	27.53	00.364	1482.6							
	085	00400	06.24	34.980	27.53		1482.6							
	085	00443	05.71	35.000	27.61		1481.2							
	085	00450	05.74	35.000	27.61		1481.4							
	STO	00500	05.27	34.96	27.63	00.422	1480.3							
	085	00500	05.27	34.960	27.63		1480.3							
	085	00550	05.05	34.960	27.66		1480.2							
	STO	00500	05.01	35.02	27.71	00.472	1481.0							
	085	00600	05.01	35.020	27.71		1481.0							
	085	00640	04.92	35.020	27.72		1481.3							
	085	00673	04.95	35.000	27.70		1481.9							
	085	00680	04.85	35.010	27.72		1481.6							
	STO	00700	04.83	35.03	27.74	00.518	1481.9							
	085	00700	04.83	35.030	27.74		1481.9							
	STO	00800	04.57	34.99	27.74	00.563	1482.4							
	085	00800	04.57	34.990	27.74		1482.4							
	STO	00900	04.30	34.99	27.77	00.607	1483.0							
	085	00900	04.30	34.990	27.77		1483.0							
	085	00923	04.33	34.970	27.75		1483.5							
	085	00945	04.36	34.990	27.76		1484.0							
	085	00960	04.28	34.990	27.77		1483.9							
	085	00980	04.30	34.950	27.740									
	085	00991	04.13	34.950	27.75		1483.7							
	STO	01000	04.11	34.95	27.76	00.651	1483.8							
	085	01000	04.11	34.950	27.76		1483.8							
	085	01017	04.07	34.950	27.76		1483.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NOIC Listing No. 31-8296.—(Continued)

REFID 31 8296	YEAR 1972	80TOP 03420	AIR TEMP 03.9	DIR HGT PER	4140-01R 32	INST STO RECORDER	TEN 50 1306
CONSEC 0118	MONTH 05	SHIP EV	WET RULR 03.3	27 0 X	4140-SPD 13	TRACE DIR 0	5 SQUARE 2
LAT 44 58 N	DAY 15	DATA USE 1	8ARDMFTR 1029.5	SEA	4140-F3R	DURATION 00.2	2 SQUARE 46
LONG 346 28 W	HOUR 06.0	AREA 05	CLOUD T/A	CL/TR	4EATHEX X3	ORIG IIP 111	1 SQUARE 46

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPH	SND VEL	XYG	P34	TOT P	402	403	5133	P4
06.0	STO	00000	05.06	33.74	26.69	00.000	1469.6							
	DBS	00000	05.06	33.740	26.69		1469.6							
	DBS	00007	05.39	33.820	26.72		1471.2							
	STO	00010	05.37	33.81	26.71	00.014	1471.1							
	DBS	00010	05.37	33.810	26.71		1471.1							
	DBS	00014	05.17	33.790	26.72		1470.3							
	STO	00020	05.33	33.87	26.76	00.027	1471.2							
	DBS	00020	05.33	33.870	26.76		1471.2							
	STO	00030	05.61	33.95	26.79	00.039	1472.6							
	DBS	00033	05.61	33.950	26.79		1472.6							
	DBS	00038	05.67	33.940	26.78		1473.0							
	DBS	00047	05.64	33.940	26.78		1473.0							
	STO	00050	05.32	33.91	26.80	00.065	1471.7							
	DBS	00068	04.60	33.840	26.82		1468.9							
	STO	00075	05.03	33.88	26.81	00.096	1470.9							
	DBS	00078	05.11	33.890	26.81		1471.3							
	DBS	00087	05.00	33.890	26.82		1471.0							
	STO	00100	03.19	33.92	27.03	00.125	1463.6							
	DBS	00100	03.19	33.920	27.03		1463.6							
	STO	00101	03.10	34.020	27.12		1463.4							
	DBS	00125	03.76	34.25	27.24	00.149	1466.9							
	DBS	00125	03.76	34.250	27.24		1466.9							
	STO	00147	04.42	34.410	27.29		1470.2							
	DBS	00150	04.37	34.38	27.28	00.170	1470.0							
	DBS	00150	04.37	34.380	27.28		1470.0							
	DBS	00178	05.19	34.550	27.32		1474.1							
	STO	00200	04.29	34.47	27.36	00.209	1470.7							
	DBS	00200	04.29	34.470	27.36		1470.7							
	DBS	00210	04.46	34.510	27.37		1471.6							
	DBS	00222	04.23	34.520	27.40		1470.8							
	STO	00250	05.05	34.74	27.48	00.244	1475.0							
	DBS	00250	05.05	34.740	27.48		1475.0							
	DBS	00255	05.23	34.740	27.46		1475.8							
	DBS	00265	05.14	34.750	27.48		1475.6							
	STO	00300	05.41	34.86	27.54	00.275	1477.4							
	DBS	00300	05.41	34.860	27.54		1477.4							
	DBS	00310	05.39	34.850	27.53		1477.5							
	DBS	00330	05.39	34.870	27.55		1477.9							
	DBS	00340	05.29	34.870	27.56		1477.6							
	DBS	00347	05.40	34.900	27.57		1478.2							
	DBS	00359	05.20	34.890	27.59		1477.6							
	DBS	00364	05.25	34.910	27.60		1477.7							
	STO	00400	05.22	34.94	27.62	00.331	1478.4							
	DBS	00400	05.22	34.940	27.62		1478.4							
	DBS	00407	05.22	34.970	27.65		1478.6							
	DBS	00410	05.26	34.960	27.63		1478.8							
	STO	00500	05.24	35.00	27.67	00.382	1480.2							
	DBS	00500	05.24	35.000	27.67		1480.2							
	DBS	00509	05.25	34.990	27.66		1479.3							
	DBS	00530	04.90	34.970	27.68		1479.6							
	DBS	00590	04.74	34.950	27.69		1479.4							
	STO	00600	04.65	34.96	27.71	00.430	1479.4							
	DBS	00600	04.65	34.960	27.71		1479.4							
	DBS	00640	04.35	34.900	27.69		1478.7							
	DBS	00655	04.34	34.890	27.68		1478.9							
	DBS	00668	04.22	34.880	27.69		1478.6							
	STO	00700	04.21	34.89	27.70	00.477	1479.1							
	DBS	00700	04.21	34.890	27.70		1479.1							
	DBS	00750	04.13	34.931	27.74		1479.7							
	DBS	00785	04.20	34.952	27.75		1480.6							
	STO	00800	04.17	34.94	27.74	00.523	1480.7							
	DBS	00800	04.17	34.940	27.74		1482.1							
	STO	00900	04.10	34.94	27.75	00.568	1482.1							
	DBS	00900	04.10	34.941	27.75		1483.4							
	STO	01000	04.01	34.93	27.75	00.613	1483.4							
	DBS	01000	04.01	34.933	27.75		1483.4							
	DBS	01050	03.95	34.925	27.75		1483.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NOIC Listing No. 31-8296.—Continued

OFFIC	31	B296	YEAR	1972	BOAT	03036	AIR TEMP	OR.3	DIR HGT	PER	WIND-DIR	27	INST	ST3	RECORD	FR	TEN	SQ	1306
COMSEC		0119	MONTH	05	SHIP	EV	WFT	RULR	07.2		WIND-SPD	17	TRACE	DIR		0	5	SQUARE	4
LAT	45	17	N	DAY	15	DATA	USE	1	BAROMETER	1037.5	SEA		DURATION		03.2	2	SQUARE	46	
LONG	047	03	W	HOUR	09.0	AREA	05		CLOUD	T/A	CL/TR		WEATHER	X3		ORIG	TIP	111	1
																			57

CAS	NUM/TIME	LVL	TP	DEPTH	TEMP	SAL	SIGMA-T	SYN	DEPTH	SND	VEL	OXYG	P14	TOT	P	NO2	NO3	S133	P4
	09.0	STN		00000	05.74	33.96	26.79	00.000		1472.7									
		DBS		00000	05.74	33.960	26.79			1472.7									
		STN		00010	05.73	33.96	26.79	00.013		1472.8									
		DBS		00010	05.73	33.960	26.79			1472.8									
		STN		00020	05.78	33.77	26.79	00.025		1473.2									
		DBS		00020	05.78	33.970	26.79			1473.2									
		STN		00030	05.78	33.97	26.79	00.038		1473.3									
		DBS		00030	05.78	33.970	26.79			1473.3									
		STN		00034	05.78	33.970	26.79			1473.4									
		DBS		00042	03.87	33.840	26.90			1465.4									
		STN		00050	03.83	33.87	26.93	00.062		1465.4									
		DBS		00050	03.83	33.870	26.93			1465.4									
		STN		00065	04.24	34.020	27.00			1467.6									
		DBS		00075	05.38	34.19	27.01	00.090		1472.7									
		STN		00075	05.38	34.190	27.01			1472.7									
		DBS		00089	04.64	34.080	27.01			1469.8									
		STN		00100	03.38	34.10	27.15	00.115		1464.7									
		DBS		00100	03.38	34.100	27.15			1464.7									
		STN		00109	03.55	34.180	27.20			1465.6									
		DBS		00112	03.49	34.170	27.20			1465.4									
		STN		00125	04.58	34.37	27.25	00.137		1470.5									
		DBS		00125	04.58	34.370	27.25			1470.5									
		STN		00128	04.35	34.410	27.30			1469.6									
		DBS		00132	04.97	34.500	27.30			1472.4									
		STN		00150	04.56	34.45	27.31	00.157		1470.9									
		DBS		00150	04.56	34.450	27.31			1470.9									
		STN		00160	05.06	34.570	27.35			1473.3									
		DBS		00175	05.43	34.670	27.38			1475.2									
		STN		00200	05.16	34.64	27.39	00.195		1474.5									
		DBS		00200	05.16	34.640	27.39			1474.5									
		STN		00202	05.05	34.660	27.42			1474.1									
		DBS		00230	05.47	34.790	27.47			1476.4									
		STN		00250	05.45	34.81	27.49	00.229		1476.7									
		DBS		00250	05.45	34.810	27.49			1476.7									
		STN		00274	04.96	34.800	27.54			1475.1									
		DBS		00290	05.34	34.870	27.55			1477.0									
		STN		00300	05.27	34.86	27.55	00.259		1476.9									
		DBS		00300	05.27	34.860	27.55			1476.9									
		STN		00319	05.20	34.900	27.59			1477.0									
		DBS		00340	05.26	34.890	27.58			1477.5									
		STN		00360	05.19	34.870	27.57			1477.5									
		DBS		00370	05.01	34.880	27.60			1477.0									
		STN		00382	05.19	34.950	27.63			1478.0									
		DBS		00400	05.02	34.92	27.63	00.314		1477.6									
		STN		00400	05.02	34.920	27.63			1477.6									
		DBS		00440	04.86	34.930	27.66			1477.6									
		STN		00500	05.01	34.98	27.68	00.364		1479.3									
		DBS		00500	05.01	34.980	27.68			1479.3									
		STN		00600	04.51	34.96	27.72	00.411		1478.8									
		DBS		00600	04.51	34.965	27.72			1478.8									
		STN		00640	04.27	34.950	27.74			1478.5									
		DBS		00700	04.25	34.96	27.75	00.454		1479.4									
		STN		00700	04.25	34.960	27.75			1479.4									
		DBS		00800	04.16	34.96	27.76	00.497		1480.7									
		STN		00800	04.16	34.960	27.76			1480.7									
		DBS		00900	04.06	34.95	27.77	00.540		1481.9									
		STN		00900	04.06	34.955	27.77			1481.9									
		DBS		01000	03.99	34.94	27.76	00.583		1483.3									
		STN		01000	03.99	34.945	27.76			1483.3									
		DBS		01100	03.93	34.95	27.78	00.627		1484.7									
		STN		01100	03.93	34.950	27.78			1484.7									
		DBS		01110	03.93	34.945	27.77			1484.9									

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	SDTOP 02012	AIR TEMP 08.3	DIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN 53 1326
CONSEC 0120	MONTH 05	SHIP EV	WET BULB 07.2	25 2 2	WIND-SPO 12	TRACE DIR 0	5 SQUARE 4
LAT 45 33 N	DAY 15	DATA USE 1	BAROMETR 1031.8	SEA	WIND-FTR	DURATION 03.2	2 SQUARE 46
LONG 047 28 W	HOUR 12.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG IIP 111	1 SQUARE 57

CSTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DRYG	P34	LOT P	NO2	NO3	S133	P4
12.1	STD	00000	01.12	33.30	26.69	00.000	1452.0							
	URS	00000	01.12	33.300	26.69		1452.0							
	STD	00010	01.06	33.30	26.70	00.014	1451.9							
	URS	00010	01.06	33.305	26.70		1451.9							
	STD	00020	00.46	33.43	26.84	00.026	1449.5							
	STD	00030	- 0.15	33.54	26.96	00.038	1447.1							
	URS	00033	- 0.33	33.570	26.99		1446.3							
	URS	00047	00.46	33.700	27.05		1450.4							
	STD	00050	00.42	33.72	27.07	00.059	1450.3							
	URS	00050	00.42	33.720	27.07		1450.3							
	URS	00056	00.97	33.870	27.16		1453.1							
	URS	00068	00.07	33.800	27.16		1449.1							
	STD	00075	00.08	33.81	27.16	00.083	1449.2							
	URS	00075	00.09	33.810	27.16		1449.2							
	STD	00100	00.54	34.02	27.31	00.104	1452.0							
	URS	00100	00.54	34.020	27.31		1452.0							
	STD	00125	01.71	34.25	27.42	00.122	1458.0							
	URS	00125	01.71	34.250	27.42		1458.0							
	URS	00145	02.70	34.420	27.47		1462.9							
	STD	00150	03.25	34.52	27.50	00.138	1465.5							
	URS	00150	03.25	34.520	27.50		1465.5							
	URS	00180	03.11	34.410	27.51		1461.0							
	STD	00200	06.00	34.70	27.57	00.167	1469.7							
	URS	00215	06.41	34.760	27.57		1471.8							
	URS	00225	06.21	34.730	27.57		1471.1							
	STD	00250	04.44	34.80	27.60	00.194	1472.5							
	URS	00250	04.44	34.800	27.60		1472.5							
	URS	00285	04.54	34.840	27.62		1473.6							
	STD	00300	04.42	34.83	27.63	00.220	1473.3							
	URS	00300	04.42	34.830	27.63		1473.3							
	URS	00312	04.32	34.830	27.64		1473.1							
	URS	00340	04.37	34.870	27.66		1473.8							
	STD	00400	04.27	34.97	27.68	00.268	1474.4							
	URS	00400	04.27	34.870	27.68		1474.4							
	URS	00430	04.27	34.880	27.68		1474.9							
	URS	00456	04.60	34.950	27.70		1476.8							
	URS	00475	04.63	34.940	27.69		1477.2							
	STD	00500	04.57	34.94	27.70	00.315	1477.4							
	URS	00500	04.57	34.940	27.70		1477.4							
	URS	00590	04.44	34.990	27.75		1478.4							
	STD	00600	04.53	35.00	27.75	00.359	1479.0							
	URS	00600	04.53	35.005	27.75		1479.0							
	URS	00614	04.54	34.970	27.73		1479.2							
	URS	00622	04.44	35.005	27.76		1479.0							
	URS	00639	04.52	34.990	27.74		1479.6							
	URS	00655	04.42	34.990	27.75		1479.4							
	URS	00670	04.50	35.013	27.76		1480.0							
	URS	00685	04.37	35.005	27.77		1479.7							
	STD	00700	04.40	34.99	27.76	00.401	1480.1							
	URS	00700	04.40	34.995	27.76		1480.1							
	URS	00725	04.45	35.005	27.76		1480.7							
	URS	00733	04.34	34.980	27.76		1480.4							
	URS	00745	04.40	34.990	27.76		1480.8							
	STD	00800	04.31	34.99	27.77	00.443	1481.4							
	URS	00800	04.31	34.989	27.77		1481.4							
	URS	00852	04.31	34.975	27.75		1482.2							
	STD	00900	04.16	34.97	27.77	00.486	1482.4							
	URS	00900	04.16	34.970	27.77		1482.4							
	STD	01000	04.06	34.96	27.77	00.524	1483.6							
	URS	01000	04.06	34.965	27.77		1483.6							
	URS	01722	04.09	34.970	27.77		1484.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOAT 01335	AIR TEMP 06.1	DIR HGT PER	WIND-DIR 23	INST STO RECORDER	TEN SQ 1306
CONSEC 0121	MONTH 05	SHIP EV	WET RULR 05.0	25 7 2	WIND-SPD 03	TRACE DIR	5 SQUARE 4
LAT 45 42 N	DAY 15	DATA USE 1	BAROMETR 1032.2	SEA	WIND-FTR	DURATION 03.2	2 SQUARE 46
LONG 047 42 W	HOOR 17.9	AREA 05	CLOUD T/4	CL/FR	WEATHER X1	DRIS IIP 111	1 SQUARE 57

CASINUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	TXYG	P34	TGT P	NO2	NO3	S133	PH
13.8	STO	00000	01.27	33.34	25.72	00.000	1452.7							
	085	00000	01.27	33.340	25.72		1452.7							
	STO	00010	00.72	33.41	26.81	00.013	1453.5							
	085	00010	00.72	33.410	26.81		1450.5							
	STO	00020	00.65	33.42	26.82	00.025	1450.4							
	085	00020	00.65	33.420	26.82		1450.4							
	STO	00030	00.36	33.64	27.01	00.037	1449.5							
	085	00030	00.36	33.640	27.01		1449.5							
	085	00033	00.31	33.770	27.12		1449.5							
	STO	00050	00.39	33.97	27.28	00.055	1450.5							
	085	00050	00.39	33.970	27.28		1450.5							
	STO	00075	00.38	34.02	27.32	00.075	1450.9							
	085	00075	00.38	34.020	27.32		1450.9							
	STO	00100	00.90	34.17	27.41	00.093	1453.9							
	085	00100	00.90	34.170	27.41		1453.9							
	STO	00125	01.65	34.31	27.47	00.110	1457.8							
	085	00125	01.65	34.31	27.47		1457.8							
	STO	00150	02.32	34.44	27.52	00.125	1461.4							
	085	00150	02.32	34.440	27.52		1461.4							
	STO	00200	03.43	34.64	27.58	00.153	1467.3							
	085	00200	03.43	34.640	27.58		1467.3							
	085	00212	03.57	34.670	27.59		1468.1							
	085	00220	03.49	34.630	27.57		1467.8							
	STO	00250	03.87	34.75	27.62	00.179	1470.1							
	085	00250	03.87	34.750	27.62		1470.1							
	STO	00300	04.08	34.81	27.65	00.203	1471.9							
	085	00300	04.08	34.810	27.65		1471.9							
	STO	00400	04.21	34.90	27.71	00.249	1474.2							
	085	00400	04.21	34.905	27.71		1474.2							
	085	00477	04.21	34.924	27.72		1475.5							
	STO	00500	04.16	34.93	27.73	00.292	1475.7							
	085	00500	04.16	34.926	27.73		1475.7							
	STO	00600	04.07	34.93	27.74	00.334	1477.0							
	085	00600	04.07	34.930	27.74		1477.0							
	STO	00700	04.05	34.93	27.75	00.377	1479.5							
	085	00700	04.05	34.928	27.75		1478.5							
	STO	00800	04.02	34.93	27.75	00.420	1480.1							
	085	00800	04.02	34.931	27.75		1480.1							
	STO	00900	03.98	34.93	27.76	00.463	1481.6							
	085	00900	03.98	34.932	27.76		1481.6							
	STO	01000	03.93	34.93	27.76	00.507	1483.0							
	085	01000	03.93	34.932	27.76		1483.0							
	085	01025	03.93	34.931	27.76		1483.4							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31	4296	YEAR	1972	BOTOM	03914	AIR TEMP	03.3	DIR HGT PER	WIND-DIR 25	INST STD RECORDER	YEN SQ 1306
CONSEC		0122	MONTH	05	SHIP EV		WET BULB	02.2	25 2 2	WIND-SPO 15	TRACE DIR 0	5 SQUARE 4
LAT	45	48 N	DAY	15	DATA USE	1	BAROMETR	1031.8	SEA	WIND-FJR	DURATION 00.1	2 SQUARE 46
LONG	047	54 W	HIJUR	15.6	AREA	05	CLOUD	1/4	CL/TP	WEATHER X1	ORIG IIP 111	1 SQUARE 57

CASNOU/TIME	LVL/TYPE	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OXYG	PJA	TOT P	NO2	NO3	SIC3	P4
15.6	STD	00000	- 0.09	32.95	26.48	00.000	1446.0							
	DBS	00000	- 0.09	32.950	26.48		1446.0							
	STD	00010	- 0.36	32.91	26.46	00.016	1444.9							
	DBS	00010	- 0.36	32.910	26.46		1444.9							
	STD	00020	- 0.54	32.86	26.51	00.031	1444.3							
	DBS	00020	- 0.54	32.860	26.51		1444.3							
	STD	00030	- 0.71	32.87	26.52	00.047	1443.7							
	DBS	00030	- 0.71	32.870	26.52		1443.7							
	DBS	00042	- 1.38	33.280	26.79		1441.2							
	STD	00050	- 1.34	33.35	26.85	00.074	1441.6							
	DBS	00050	- 1.34	33.350	26.85		1441.6							
	STD	00075	- 1.01	33.52	26.98	00.103	1443.8							
	DBS	00075	- 1.01	33.520	26.98		1443.8							
	STD	00100	- 0.49	33.65	27.06	00.129	1446.8							
	DBS	00100	- 0.49	33.650	27.06		1446.8							
	STD	00125	- 0.16	33.72	27.10	00.153	1448.8							
	DBS	00125	- 0.16	33.720	27.10		1448.8							
	DBS	00130	- 0.29	33.770	27.15		1448.4							
	DBS	00145	- 0.24	33.880	27.24		1448.8							
	STD	00150	- 0.27	33.92	27.27	00.176	1449.0							
	DBS	00150	- 0.27	33.920	27.27		1449.0							
	DBS	00160	00.52	34.180	27.44		1453.2							
	STD	00200	01.54	34.37	27.48	00.211	1458.6							
	DBS	00200	01.54	34.370	27.48		1458.6							
	DBS	00225	01.87	34.350	27.48		1460.5							
	STD	00250	02.02	34.40	27.51	00.241	1461.6							
	DBS	00250	02.02	34.400	27.51		1461.6							
	DBS	00288	02.10	34.490	27.58		1462.7							
	STD	00300	02.39	34.52	27.58	00.270	1464.3							
	DBS	00300	02.39	34.520	27.58		1464.3							
	STD	00400	03.47	34.79	27.69	00.319	1470.9							
	DBS	00400	03.47	34.786	27.69		1470.9							
	DBS	00440	03.94	34.887	27.72		1473.7							
	STD	00500	04.03	34.92	27.74	00.362	1475.1							
	DBS	00500	04.03	34.920	27.74		1475.1							
	STD	00600	04.06	34.93	27.75	00.403	1476.9							
	DBS	00600	04.06	34.930	27.75		1476.9							
	STD	00700	04.07	34.93	27.75	00.445	1478.4							
	DBS	00700	04.07	34.935	27.75		1478.4							
	STD	00800	04.02	34.93	27.75	00.488	1480.1							
	DBS	00800	04.02	34.930	27.75		1480.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	RUTOP 02048	AIR TEMP 05.0	DIR HGT PER	WIND-DIP 22	INST STD RECORDER	TEN SQ 1336
CONSEC 0103	MONTH 05	SHIP FY	WET BULB 03.3	32 2 2	WIND-SPO 03	TRACE DIR 2	5 SQUARE 2
LAT 43 45 N	DAY 12	DATA USE 1	BAROMETER 1022.7	SEA	WIND-FJR	DURATI ON 00.2	2 SQUARE 28
LONG 048 39 W	HOOR 18.0	AREA 05	CLOUD T/A	CL/TR	WEATHER X)	ORIG IIP III	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	TXYG	P34	FOY P	V02	V03	S133	R4
18.0	ST0	00000	00.94	32.95	26.42	00.000	1450.7							
	085	00000	00.94	32.950	26.42		1450.7							
	ST0	00010	00.70	33.04	26.52	00.016	1449.9							
	085	00010	00.70	33.045	26.52		1449.9							
	ST0	00020	00.19	33.18	26.65	00.030	1448.0							
	085	00020	00.19	33.180	26.65		1448.0							
	085	00027	00.74	33.340	26.75		1450.9							
	ST0	00030	00.60	33.42	26.82	00.043	1450.1							
	085	00030	00.60	33.420	26.82		1450.1							
	085	00048	04.85	34.010	26.93		1469.9							
	ST0	00050	04.79	34.00	26.93	00.067	1469.6							
	085	00050	04.79	34.000	26.93		1469.6							
	085	00055	03.22	33.780	26.91		1462.9							
	085	00070	03.72	33.950	27.00		1465.4							
	ST0	00075	01.13	33.88	27.00	00.095	1462.9							
	085	00075	01.13	33.880	27.00		1462.9							
	ST0	00100	00.56	33.72	27.07	00.121	1451.7							
	085	00100	00.56	33.720	27.07		1451.7							
	085	00109	00.15	33.800	27.14		1451.0							
	ST0	00125	00.12	33.92	27.25	00.144	1450.4							
	085	00125	00.12	33.920	27.25		1450.4							
	ST0	00150	00.76	34.12	27.38	00.163	1454.0							
	085	00150	00.76	34.120	27.38		1454.0							
	ST0	00200	02.76	34.45	27.49	00.196	1464.1							
	085	00200	02.76	34.450	27.49		1464.1							
	085	00228	03.46	34.530	27.49		1467.7							
	085	00237	04.69	34.720	27.51		1473.3							
	ST0	00250	02.76	34.53	27.55	00.226	1465.0							
	085	00250	02.76	34.530	27.55		1465.0							
	085	00261	03.93	34.680	27.56		1470.4							
	085	00268	03.13	34.580	27.56		1467.0							
	085	00271	03.62	34.70 P	27.610									
	085	00282	03.63	34.660	27.58 *		1469.5							
	085	00291	02.76	34.52 P	27.550*									
	ST0	00300	02.92	34.63	27.62	00.252	1466.7							
	085	00300	02.92	34.630	27.62		1466.7							
	085	00312	03.46 P	34.650	27.580*									
	085	00325	03.21	34.59 P	27.560									
	085	00361	03.92	34.760	27.63		1472.1							
	085	00370	03.93	34.760	27.63		1471.9							
	ST0	00400	03.84	34.79	27.66	00.301	1472.5							
	085	00400	03.84	34.790	27.66		1472.5							
	ST0	00500	04.12	34.88	27.70	00.348	1475.4							
	085	00500	04.12	34.885	27.70		1475.4							
	ST0	00600	04.13	34.90	27.72	00.393	1477.2							
	085	00600	04.13	34.905	27.72		1477.2							
	ST0	00700	04.16	34.91	27.72	00.438	1479.0							
	085	00700	04.16	34.910	27.72		1479.0							
	085	00770	04.22	34.930	27.73		1480.4							
	ST0	00800	04.17	34.93	27.73	00.483	1480.7							
	085	00800	04.17	34.930	27.73		1480.7							
	ST0	00900	04.12	34.93	27.74	00.528	1482.2							
	085	00900	04.12	34.930	27.74		1482.2							
	085	00965	04.19	34.950	27.75		1483.6							
	085	00991	04.19	34.945	27.74		1484.0							
	ST0	01000	04.18	34.93	27.73	00.575	1484.1							
	085	01000	04.18	34.930	27.73		1484.1							
	085	01050	04.12	34.930	27.74		1484.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NOIC Listing No. 31–S296.—Continued

REFID 31 8296	YEAR 1972	BDTOP 03292	AIR TEMP 06.7	OIR HGT PER	WIND-OIR 20	INST STD RECORDER	TEN SQ 1306
CONSEC 0104	MONTH 05	SHIP EV	WET BULB 05.6	26 4 2	WIND-SPO 13	TRACE OIR 0	5 SQUARE 2
LAT 43 37 N	DAY 12	DATA USE 1	BAROMETR 1022.7	SEA	WIND-FOR	DURATION 03.3	2 SQUARE 28
LONG 049 16 W	HOUR 20.6	AREA 05	CLUTD T/A	CL/TR	WEATHER	ORIG TIP III	1 SQUARE 38

CSTN/DN/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNORTH	SND VEL	OXYG	P34	TDI P	N02	N03	S133	P4
20.6	STD	00000	01.51	33.08	26.49	00.000	1453.5							
	URS	00000	01.51	33.080	26.49		1453.5							
	STD	00010	03.95	33.82	26.87	00.014	1465.2							
	URS	00010	03.95	33.818	26.87		1465.2							
	STD	00020	03.87	33.82	26.88	00.026	1465.0							
	URS	00020	03.87	33.820	26.88		1465.0							
	URS	00026	03.87	33.821	26.88		1465.1							
	STD	00030	04.01	33.87	25.91	00.037	1465.9							
	URS	00030	04.01	33.870	26.91		1465.9							
	STD	00050	05.01	34.08	26.97	00.060	1470.7							
	URS	00050	05.01	34.080	26.97		1470.7							
	URS	00070	06.22	34.480	27.13		1476.4							
	STD	00075	05.96	34.52	27.20	00.085	1475.5							
	URS	00075	05.96	34.519	27.20		1475.5							
	URS	00081	05.71	34.480	27.20		1474.6							
	STD	00100	05.94	34.56	27.23	00.107	1475.9							
	URS	00100	05.94	34.560	27.23		1475.9							
	URS	00108	05.91	34.610	27.28		1476.0							
	URS	00112	05.58	34.640	27.34		1474.7							
	STD	00125	06.02	34.68	27.32	00.127	1476.8							
	URS	00125	06.02	34.680	27.32		1476.8							
	URS	00142	05.14	34.560	27.33		1473.3							
	STD	00150	05.58	34.65	27.35	00.146	1475.4							
	URS	00153	05.71	34.670	27.35		1474.0							
	URS	00180	05.84	34.680	27.34		1477.0							
	URS	00188	05.48	34.775	27.46		1475.8							
	STD	00200	05.16	34.75	27.48	00.181	1474.6							
	URS	00200	05.16	34.750	27.48		1474.6							
	URS	00220	03.96	34.590	27.49		1469.8							
	STD	00250	05.16	34.83	27.55	00.212	1475.6							
	URS	00250	05.16	34.835	27.55		1475.6							
	URS	00260	05.32	34.890	27.57		1476.5							
	URS	00290	04.93	34.835	27.57		1475.3							
	STD	00300	05.07	34.90	27.61	00.239	1476.1							
	URS	00300	05.07	34.905	27.61		1476.1							
	URS	00303	05.15	34.912	27.61		1476.6							
	URS	00345	04.84	34.895	27.63		1475.9							
	URS	00360	05.27	34.991	27.66		1478.0							
	STD	00400	04.80	34.95	27.68	00.289	1476.7							
	URS	00400	04.80	34.955	27.68		1476.7							
	URS	00410	04.66	34.930	27.68		1476.3							
	URS	00430	04.66	34.900	27.66		1476.6							
	URS	00435	04.57	34.930	27.69		1476.3							
	URS	00442	04.62	34.938	27.69		1476.6							
	URS	00460	04.46	34.960	27.73		1476.3							
	STD	00500	04.61	34.96	27.71	00.334	1477.6							
	URS	00500	04.61	34.965	27.71		1477.6							
	URS	00510	04.50	34.960	27.72		1477.3							
	STD	00600	04.36	34.96	27.74	00.378	1478.2							
	URS	00600	04.36	34.962	27.74		1478.2							
	STD	00700	04.27	34.96	27.75	00.421	1479.5							
	URS	00700	04.27	34.961	27.75		1479.5							
	URS	00725	04.22	34.965	27.76		1479.7							
	URS	00732	04.26	34.965	27.75		1480.0							
	URS	00745	04.22	34.963	27.75		1480.0							
	URS	00751	04.26	34.988	27.77		1480.3							
	URS	00770	04.11	34.950	27.76		1480.0							
	URS	00783	04.12	34.942	27.75		1480.2							
	STD	00800	04.06	34.94	27.75	00.464	1480.2							
	URS	00800	04.06	34.940	27.75		1480.2							
	STD	00900	04.06	34.94	27.76	00.508	1481.9							
	URS	00900	04.06	34.945	27.76		1481.9							
	STD	01000	03.97	34.94	27.76	00.552	1483.2							
	URS	01000	03.97	34.940	27.76		1483.2							
	STD	01100	03.94	34.94	27.77	00.596	1484.8							
	URS	01100	03.94	34.942	27.77		1484.8							

TABLE X111.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31	8296	YEAR	1972	BOTOM	03731	AIP TEMP	09.3	DIR HGT PER	41NO-01R	15	INST STD	RECORDER	TEN S2	1306
CONSEC	0105		MONTH	05	SHIP EV		WET HULR	06.7	30 2 3	WIND-SPO	14	TRACE DIR		5 SQUARE	2
LAT	43 27 N		DAY	13	DATA USE	1	BAROMETR	1022.7	SFA	WIND-FTR		DURATION	00.2	2 SQUARE	26
LONG	047 36 W		HOUR	00.3	AREA	05	CLOUD T/A		CL/TR	WEATHER	X1	ORIG IIP	111	1 SQUARE	37

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SND VEL	3XYG	P34	TOT P	NO2	NO3	S133	P4
00.3	STD	00000	08.32	34.28	26.68	00.000	1483.2							
	085	00300	08.32	34.280	26.68		1483.2							
	085	00005	08.29	34.270	26.68		1483.2							
	STD	00010	08.46	34.34	26.71	00.014	1484.0							
	085	00310	08.46	34.340	26.71		1484.0							
	STD	00020	08.96	34.56	26.80	00.027	1486.3							
	085	00320	08.96	34.560	26.80		1486.3							
	STD	00030	09.49	34.88	26.96	00.038	1488.9							
	085	00030	09.49	34.880	26.96		1488.9							
	085	00045	09.22	34.800	26.95		1488.0							
	STD	00050	09.35	34.86	26.97	00.061	1488.6							
	085	00050	09.35	34.860	26.97		1488.6							
	085	00059	09.53	34.900	26.97		1489.5							
	STD	00075	09.24	34.83	26.97	00.088	1489.6							
	085	00075	09.24	34.830	26.97		1489.6							
	STD	00100	08.67	34.73	26.99	00.116	1486.6							
	085	00100	08.62	34.730	26.99		1486.6							
	085	00106	09.44	34.770	27.05		1486.0							
	085	00120	09.42	34.800	27.07		1486.2							
	STD	00125	08.24	34.78	27.09	00.142	1485.6							
	085	00125	08.24	34.780	27.09		1485.6							
	085	00140	08.27	34.850	27.14		1486.1							
	085	00146	08.12	34.800	27.12		1485.5							
	STD	00150	08.25	34.91	27.19	00.167	1486.2							
	085	00150	08.25	34.910	27.19		1486.2							
	085	00155	09.31	34.910	27.18		1486.5							
	085	00161	07.76	34.780	27.16		1486.4							
	085	00165	07.82	34.840	27.20		1486.7							
	085	00175	07.49	34.780	27.20		1483.5							
	085	00180	07.58	34.880	27.26		1484.1							
	085	00197	07.22	34.780	27.24		1482.9							
	STD	00200	07.33	34.45	27.27	00.211	1483.4							
	085	00200	07.33	34.850	27.27		1483.4							
	085	00225	07.12	34.940	27.30		1483.0							
	085	00230	07.16	34.880	27.32		1483.3							
	STD	00250	06.17	34.72	27.33	00.251	1479.5							
	085	00269	05.52	34.660	27.37		1477.1							
	085	00280	05.27	34.660	27.40		1476.3							
	085	00295	05.52	34.730	27.42		1477.6							
	STD	00300	05.43	34.71	27.42	00.289	1477.3							
	085	00300	05.43	34.710	27.42		1477.3							
	085	00310	05.53	34.750	27.44		1477.9							
	085	00334	05.27	34.780	27.49		1477.3							
	085	00347	05.34	34.790	27.49		1477.8							
	085	00365	05.31	34.930	27.53		1478.1							
	STD	00400	05.36	34.86	27.54	00.354	1478.9							
	085	00400	05.36	34.860	27.54		1478.9							
	085	00438	05.26	34.910	27.59		1479.2							
	085	00465	05.64	35.010	27.62		1481.5							
	STD	00500	05.29	34.97	27.64	00.411	1480.4							
	085	00500	05.29	34.970	27.64		1480.4							
	STD	00600	04.88	34.98	27.69	00.461	1480.4							
	085	00600	04.88	34.980	27.69		1480.4							
	STD	00700	04.74	34.98	27.71	00.509	1481.5							
	085	00700	04.74	34.980	27.71		1481.5							
	STD	00800	04.44	34.98	27.74	00.555	1481.9							
	085	00800	04.44	34.980	27.74		1481.9							
	STD	00900	04.30	34.95	27.74	00.600	1482.9							
	085	00900	04.30	34.955	27.74		1482.9							
	STD	01000	04.18	34.95	27.75	00.646	1484.1							
	085	01000	04.18	34.955	27.75		1484.1							
	085	01050	04.11	34.950	27.76		1484.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID	31	8296	YEAR	1972	BOAT	03749	AIR TEMP	07-2	DIR HGT	PER	WIND-DIR	13	INST	STJ	REC	POER	TEN	SO	1306	
CONSEC		0106	MONTH	05	SHIP	EV	WET	BULB	06.1	15	1	2	WIND-SPO	15	TRACE	DIR	3	5	SQUARE	2
LAT	43	12	N		DAY	13	BAROMETR	1020.0	SEA				WIND-FOR		DURATION		00.9	2	SQUARE	26
LONG	047	04	W		HOUR	04-0	AREA	05	CLOUD	T/A	CL/TR		WIND-FOR	X3	ORIG	TIP	111	1	SQUARE	37

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	XYG	PJ4	TOT P	NO2	NO3	SIC3	P4
04.0	ST0	00000	09.03	34.62	26.84	00.000	1486.3							
	085	00000	09.03	34.620	26.84		1486.3							
	ST0	00010	09.01	34.61	26.83	00.012	1486.4							
	ST0	00020	08.94	34.60	26.83	00.025	1486.3							
	085	00020	08.94	34.600	26.83		1486.3							
	ST0	00030	08.83	34.58	26.84	00.037	1486.0							
	085	00030	08.83	34.580	26.84		1486.0							
	085	00040	07.69	34.430	26.89		1481.6							
	ST0	00050	06.39	34.22	26.91	00.061	1476.4							
	085	00050	06.39	34.220	26.91		1476.4							
	085	00061	05.81	34.210	26.97		1474.3							
	085	00070	05.57	34.250	27.04		1473.5							
	ST0	00075	06.33	34.37	27.04	00.088	1476.8							
	085	00092	07.21	34.580	27.08		1480.8							
	085	00096	07.03	34.580	27.10		1480.2							
	ST0	00100	07.44	34.73	27.16	00.113	1482.1							
	085	00103	07.55	34.780	27.19		1482.6							
	085	00115	06.22	34.530	27.17		1477.2							
	ST0	00125	06.31	34.54	27.17	00.136	1477.8							
	085	00125	06.31	34.540	27.17		1477.8							
	085	00146	06.39	34.650	27.25		1478.6							
	ST0	00150	06.12	34.64	27.27	00.158	1477.5							
	085	00150	06.12	34.640	27.27		1477.5							
	085	00170	06.38	34.670	27.26		1479.0							
	085	00175	06.45	34.710	27.29		1479.4							
	085	00180	05.99	34.610	27.27		1477.5							
	ST0	00200	05.41	34.63	27.35	00.198	1475.5							
	085	00200	05.41	34.630	27.35		1475.5							
	085	00209	05.91	34.680	27.33		1477.7							
	085	00230	05.51	34.680	27.38		1476.5							
	085	00240	05.83	34.740	27.39		1478.0							
	ST0	00250	05.56	34.69	27.38	00.235	1477.0							
	085	00250	05.56	34.690	27.38		1477.0							
	085	00257	05.87	34.700	27.35 *		1478.4							
	085	00273	04.83	34.700	27.48		1474.4							
	085	00282	04.76	34.730	27.51		1474.3							
	ST0	00300	05.58	34.81	27.48 *	00.270	1478.1							
	085	00300	05.58	34.810	27.48		1478.1							
	085	00310	05.61	34.800	27.46		1478.3							
	085	00320	05.54	34.820	27.49		1478.2							
	085	00331	05.61	34.860	27.51		1478.8							
	085	00345	05.50	34.870	27.53		1478.6							
	085	00365	05.54	34.890	27.54		1479.1							
	085	00390	05.31	34.890	27.57		1478.6							
	ST0	00400	05.36	34.92	27.59	00.330	1479.0							
	085	00400	05.36	34.920	27.59		1479.0							
	085	00430	05.36	34.930	27.60		1479.5							
	ST0	00500	05.11	34.97	27.66	00.384	1479.7							
	085	00500	05.11	34.970	27.66		1479.7							
	085	00540	05.05	34.990	27.68		1480.1							
	085	00560	05.09	35.000	27.69		1480.6							
	ST0	00600	04.96	34.99	27.69	00.433	1480.7							
	085	00600	04.96	34.990	27.69		1480.7							
	ST0	00700	04.61	34.97	27.72	00.480	1480.9							
	085	00700	04.61	34.970	27.72		1480.9							
	085	00775	04.47	34.960	27.73		1481.6							
	ST0	00800	04.55	34.99	27.74	00.526	1482.4							
	085	00800	04.55	34.990	27.74		1482.4							
	085	00840	04.58	34.990	27.74		1483.1							
	ST0	00900	04.50	34.99	27.75	00.572	1483.8							
	085	00900	04.50	34.990	27.75		1483.8							
	085	00960	04.42	34.980	27.75		1484.5							
	ST0	01000	04.16	34.95	27.75	00.617	1484.0							
	085	01000	04.16	34.950	27.75		1484.0							
	ST0	01100	04.10	34.94	27.75	00.663	1485.4							
	085	01100	04.10	34.940	27.75		1485.4							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296,—(Continued)

REF ID	31	8296	YF&R	1972	80TOP	04298	AIR TEMP	13.9	OIR	HGT	PER	WIND-OIR	13	INST	STO	RECORDER	TEN	52	1306
CONSEC	0107		MONTH	05	SHIP	FV	WFT	RULB	11.7			WIND-SPD	34	TRACE	OIR	0	5	SQUARE	2
LAT	43	00	N	DAY	13	DATA	USE	1	BAROMETR	1015.6	SEA	WIND-FJR		DURATION	03.5	2	SQUARE	26	
LONG	046	19	W	HOUR	07.5	AREA	05		CLOUD	T/4	CL/TR	WEATHER	X1	ORIG	ILP	111	1	SQUARE	36

CSTN/TIME	LVL	DEPTH	TEMP	SAL	SIGMA-T	DYN	DEPTH	SND	VEL	CHYG	P74	TOT	P	NO2	NO3	S133	P4
07.5	STD	00000	15.07	35.72	26.53	00.000		1508.5									
	085	00000	15.07	35.720	26.53			1508.5									
	STD	00010	15.07	35.72	26.53	00.015		1508.7									
	085	00010	15.07	35.720	26.53			1508.7									
	085	00015	15.07	35.720	26.53			1508.7									
	STD	00020	14.99	35.72	26.55	00.030		1508.6									
	085	00020	14.99	35.720	26.55			1508.6									
	085	00026	14.60	35.680	26.60			1507.4									
	STD	00030	14.71	35.79	26.66	00.045		1507.9									
	085	00033	14.76	35.840	26.69			1508.2									
	STD	00050	14.39	35.74	26.69	00.073		1507.2									
	085	00050	14.39	35.740	26.69			1507.2									
	STD	00075	13.84	35.62	26.72	00.107		1505.7									
	085	00075	13.84	35.620	26.72			1505.7									
	STD	00100	13.53	35.57	26.74	00.140		1505.0									
	085	00100	13.53	35.570	26.74			1505.0									
	STD	00125	13.27	35.51	26.75	00.174		1504.5									
	085	00125	13.27	35.510	26.75			1504.5									
	STD	00150	12.78	35.41	26.77	00.207		1503.1									
	085	00150	12.78	35.410	26.77			1503.1									
	085	00155	12.76	35.390	26.76			1503.1									
	085	00179	12.94	35.480	26.79			1504.2									
	085	00181	12.98	35.530	26.83			1504.4									
	085	00189	12.89	35.560	26.87			1504.3									
	STD	00200	13.10	35.61	26.86	00.271		1505.2									
	085	00200	13.10	35.610	26.86			1505.2									
	085	00239	10.19	35.060	26.99			1495.1									
	STD	00250	10.94	35.26	27.01	00.331		1498.2									
	085	00250	10.94	35.260	27.01			1498.2									
	085	00272	11.82	35.550	27.07			1502.0									
	STD	00300	10.49	35.25	27.08	00.385		1497.4									
	085	00300	10.49	35.250	27.08			1497.4									
	085	00315	10.57	35.320	27.12			1498.0									
	085	00332	10.52	35.360	27.16			1498.2									
	STD	00400	08.43	35.04	27.26	00.483		1491.2									
	085	00400	08.43	35.040	27.26			1491.2									
	085	00413	08.96	35.170	27.28			1493.6									
	085	00437	08.54	35.170	27.34			1492.4									
	085	00441	08.64	35.190	27.34			1492.8									
	085	00469	07.58	34.980	27.34			1489.0									
	STD	00500	05.34	34.63	27.36	00.567		1480.1									
	085	00500	05.34	34.630	27.36			1480.1									
	085	00511	04.81	34.620	27.42			1478.1									
	085	00517	04.89	34.640	27.47			1478.6									
	085	00530	03.71	34.510	27.45			1473.7									
	085	00545	04.62	34.780	27.57			1478.1									
	085	00594	06.06	34.980	27.55			1485.1									
	STD	00600	06.02	34.98	27.56	00.638		1485.0									
	085	00600	06.02	34.980	27.56			1485.0									
	085	00636	05.91	35.000	27.59			1485.2									
	085	00650	05.44	34.970	27.62			1483.5									
	085	00660	05.62	34.980	27.61			1484.4									
	085	00680	05.24	34.950	27.63			1483.1									
	STD	00700	05.36	34.98	27.64	00.697		1484.0									
	085	00700	05.36	34.980	27.64			1484.0									
	085	00715	05.26	34.980	27.65			1483.8									
	085	00731	05.26	34.980	27.65			1484.1									
	085	00748	05.16	34.980	27.66			1484.0									
	085	00770	05.15	34.980	27.66			1484.3									
	STD	00800	04.79	34.94	27.67	00.750		1483.3									
	085	00800	04.79	34.940	27.67			1483.3									
	085	00820	04.64	34.930	27.68			1483.0									
	085	00830	04.69	34.940	27.68			1483.4									
	085	00860	04.63	34.940	27.69			1483.6									
	085	00869	04.69	34.920	27.67			1484.0									
	085	00877	04.57	34.940	27.70			1483.6									
	085	00888	04.60	34.940	27.69			1484.0									
	STD	00900	04.54	34.94	27.70	00.801		1483.9									
	085	00900	04.54	34.940	27.70			1483.9									
	STD	01000	04.45	34.94	27.71	00.851		1485.2									
085	01000	04.45	34.940	27.71				1485.2									

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF ID	31	8296	YEAR	1972	BO TOP	03859	AIR TEMP	09.4	DIR HGT	PER	WIND-DIR	13	INST	STO	RECORDER	TEN	50	1306		
CNSEC		0108	MONTH	05	SHIP	EV	WET	RULB	09.9	14	3	2	WIND-SPO	22	TRACE	DIR	5	SQUARE	2	
LAT	44	06	N		DATA	USE	1	BAROMETER	1013.5	SEA			WIND-FJR		DURATION	00.2	2	SQUARE	46	
LONG	046	11	W		AREA	05		CLOUD	T/A	CL/TR			WEATHER	X2	ORIG	11P	111	1	SQUARE	46

CAS	NUM/TIME	LVL	TP	DEPTH	TEMP	SAL	SIGMA-T	DYN	DEPTH	SND	VEL	OXYG	P34	TOT	P	V02	N03	S103	P4
19.6	ST0	00000		08.72	34.39	26.71		00.000		1484.9									
	08S	00000		08.72	34.390	26.71				1484.9									
	ST0	00010		08.48	34.36	26.72		00.013		1484.1									
	08S	00010		08.48	34.360	26.72				1484.1									
	ST0	00020		08.20	34.56	26.92		00.026		1483.5									
	08S	00020		08.20	34.565	26.92				1483.5									
	ST0	00025		07.08	34.435	26.98				1479.0									
	08S	00025		07.08	34.435	26.98				1479.0									
	ST0	00030		07.11	34.46	27.00		00.037		1479.3									
	08S	00030		07.11	34.460	27.00				1479.3									
	ST0	00050		07.86	34.66	27.05		00.058		1482.8									
	08S	00050		07.86	34.660	27.05				1482.8									
	ST0	00061		08.11	34.680	27.03				1483.9									
	08S	00070		08.51	34.860	27.11				1485.8									
	ST0	00075		08.39	34.81	27.09		00.083		1485.4									
	08S	00075		08.39	34.810	27.09				1485.4									
	ST0	00099		07.09	34.590	27.10				1480.5									
	08S	00100		07.16	34.62	27.12		00.108		1480.8									
	ST0	00100		07.16	34.620	27.12				1480.8									
	08S	00112		06.92	34.615	27.15				1480.1									
	ST0	00125		07.26	34.71	27.17		00.132		1481.7									
	08S	00125		07.26	34.710	27.17				1481.7									
	ST0	00130		06.94	34.620	27.15				1480.4									
	08S	00135		06.99	34.700	27.20				1480.8									
	ST0	00150		06.72	34.69	27.24		00.154		1480.0									
	08S	00150		06.72	34.695	27.24				1480.0									
	ST0	00171		06.22	34.665	27.28				1478.3									
	08S	00181		06.35	34.675	27.27				1479.0									
	ST0	00200		05.32	34.57	27.32		00.195		1475.0									
	08S	00200		05.32	34.570	27.32				1475.0									
	ST0	00225		04.70	34.550	27.37				1472.9									
	08S	00250		05.16	34.67	27.42		00.233		1475.3									
	ST0	00250		05.16	34.670	27.42				1475.3									
	08S	00259		05.15	34.705	27.45				1475.5									
	ST0	00300		05.71	34.88	27.52		00.266		1478.7									
	08S	00300		05.71	34.880	27.52				1478.7									
	ST0	00303		05.78	34.900	27.52				1479.0									
	08S	00339		04.92	34.775	27.53				1476.0									
	ST0	00379		05.26	34.875	27.57				1478.2									
	08S	00381		05.14	34.860	27.57				1477.7									
	ST0	00400		05.28	34.91	27.59		00.324		1478.6									
	08S	00400		05.28	34.910	27.59				1478.6									
	ST0	00469		05.55	35.005	27.63				1481.0									
	08S	00490		05.29	35.065	27.71				1480.4									
	ST0	00500		05.49	35.06	27.69		00.376		1481.3									
	08S	00500		05.49	35.060	27.69				1481.3									
	ST0	00525		05.23	35.025	27.69				1480.6									
	08S	00535		05.38	35.025	27.67				1481.4									
	ST0	00550		05.12	35.020	27.70				1480.6									
	08S	00600		04.83	35.01	27.72		00.423		1480.2									
	ST0	00600		04.83	35.010	27.72				1480.2									
	08S	00700		04.75	35.02	27.74		00.468		1481.6									
	ST0	00700		04.75	35.020	27.74				1481.6									
	08S	00703		04.65	35.025	27.76				1481.3									
	ST0	00752		04.82	35.035	27.75				1482.7									
	08S	00800		04.67	35.02	27.76		00.512		1482.7									
	ST0	00800		04.62	35.025	27.76				1482.7									
	08S	00900		04.51	35.02	27.77		00.556		1483.9									
	ST0	00900		04.51	35.020	27.77				1483.9									
	08S	01000		04.40	35.00	27.78		00.599		1484.7									
	ST0	01000		04.40	35.005	27.78				1484.7									
	08S	01003		04.40	35.005	27.78				1484.7									

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 9296	YEAR 1972	BOTOP 03932	AIR TEMP 06.7	DIR HGT PER	WIND-DIR 23	INST STO RECDROER	TEN SQ 1306
CONSEC 0109	MONTH 05	SHIP EV	WET BULB 05.6	25 3 2	WIND-SPO 23	TRACF DIR 0	5 SQUARE 2
LAT 44 12 N	DAY 13	DATA USE 1	BAROMETR 1015.6	SFA	WIND-FIR	DURATION 00.3	2 SQUARE 46
LONG 046 45 W	HOOR 21-0	ARE8 05	CLOUD T/A	CL/TR	WEATHER 3	ORIG LIP 111	1 SQUARE 46

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	XYG	P34	TOT P	NO2	NO3	SIG3	P4
21.0	STO	00000	08.85	34.50	26.77	00.000	1485.5							
	08S	00000	08.85	34.500	26.77		1485.5							
	STO	00010	08.85	34.50	26.77	00.013	1485.7							
	08S	00010	08.85	34.500	26.77		1485.7							
	STO	00020	08.81	34.45	26.74 *	00.026	1485.6							
	08S	00020	08.81	34.450	26.74		1485.6							
	STO	00030	08.71	34.47	26.77	00.039	1485.4							
	08S	00030	08.71	34.470	26.77		1485.4							
	08S	00041	07.24	34.500	27.01		1480.0							
	STO	00050	07.74	34.65	27.06	00.062	1482.3							
	08S	00050	07.74	34.650	27.06		1482.3							
	STO	00075	08.24	34.80	27.10	00.087	1484.8							
	08S	00075	08.24	34.800	27.10		1484.8							
	STO	00100	07.94	34.77	27.12	00.112	1484.0							
	08S	00100	07.94	34.770	27.12		1484.0							
	08S	00110	08.09	34.840	27.15		1484.9							
	08S	00122	07.33	34.700	27.16		1481.9							
	STO	00125	07.42	34.75	27.18	00.135	1482.4							
	08S	00125	07.42	34.750	27.18		1482.4							
	08S	00131	07.51	34.760	27.18		1482.9							
	STO	00150	06.84	34.60	27.15 *	00.158	1480.4							
	08S	00150	06.84	34.600	27.15		1480.4							
	STO	00200	05.31	34.44	27.22	00.204	1474.8							
	08S	00200	05.31	34.440	27.22		1474.8							
	08S	00229	05.91	34.650	27.31		1478.0							
	STO	00240	05.23	34.620	27.37		1475.4							
	08S	00248	05.56	34.680	27.38		1477.0							
	STO	00250	05.48	34.67	27.38	00.245	1476.7							
	08S	00252	05.42	34.670	27.39		1476.4							
	08S	00270	05.51	34.660	27.37		1477.1							
	08S	00285	05.23	34.680	27.42		1476.2							
	08S	00290	05.33	34.720	27.44		1476.8							
	STO	00300	05.00	34.67	27.44	00.281	1475.5							
	08S	00310	04.91	34.665	27.44		1475.3							
	08S	00340	06.02	34.905	27.50		1480.6							
	08S	00355	05.87	34.960	27.56		1480.3							
	STO	00400	05.35	34.90	27.58	00.344	1478.9							
	08S	00400	05.35	34.900	27.58		1478.9							
	08S	00411	05.12	34.960	27.65		1478.2							
	08S	00447	04.74	34.875	27.63		1477.1							
	STO	00500	04.81	34.90	27.64	00.398	1478.3							
	08S	00504	04.81	34.910	27.65		1478.4							
	08S	00513	04.71	34.935	27.68		1478.2							
	08S	00540	04.72	34.940	27.68		1479.7							
	08S	00548	04.62	34.975	27.72		1478.4							
	08S	00582	04.86	35.005	27.72		1480.0							
	STO	00600	04.85	35.01	27.73	00.447	1480.3							
	08S	00600	04.85	35.015	27.73		1480.3							
	STO	00700	04.95	35.01	27.71	00.493	1482.4							
	08S	00700	04.95	35.010	27.71		1482.4							
	08S	00724	04.25	34.945	27.74		1479.8							
	08S	00756	04.17	34.945	27.75		1480.0							
	08S	00770	04.37	34.950	27.73		1481.1							
	STO	00800	04.14	34.94	27.75	00.539	1480.6							
	08S	00800	04.14	34.945	27.75		1480.6							
	STO	00900	04.16	34.96	27.76	00.582	1482.4							
	08S	00900	04.16	34.965	27.76		1482.4							
	STO	01000	04.26	34.98	27.76	00.626	1484.5							
	08S	01000	04.26	34.980	27.76		1484.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 4296	YEAR 1972	SHIP 03840	AIR TEMP 05.0	DIR HGT PER	41ND-01R 31	INST STO RECORDER	TEN SQ 1306
CONSEC 3110	MONTH 05	SHIP EV	WET AULP 03.9	32 4 2	41ND-SPO 15	TRACE DIR 0	5 SQUARE 2
LAT 44 16 N	DAY 14	DATA USF 1	BAROMETP 1017.3	SEA	WIND-FJR	ODURATION 00.2	2 SQUARE 46
LONG 047 16 W	HOUR 01.5	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG IIP 111	1 SQUARE 47

CASSTIM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	XYG	P14	TOT P	NO2	NO3	S133	P4
01.5	STD	00000	05.86	33.94	26.68	00.000	1473.0							
	DRS	00000	05.86	33.845	26.68		1473.0							
	DRS	00004	05.84	33.870	26.70		1473.0							
	DRS	00005	05.89	33.860	26.69		1473.2							
	STD	00010	05.90	33.85	26.69	00.014	1473.3							
	DRS	00010	05.90	33.950	26.68		1473.3							
	STD	00020	05.94	33.87	26.69	00.027	1473.7							
	DRS	00020	05.94	33.870	26.69		1473.7							
	DRS	00024	06.00	33.880	26.69		1474.0							
	DRS	00028	05.98	33.700	26.71		1474.0							
	STD	00030	06.04	33.92	26.72	00.041	1474.3							
	DRS	00030	06.04	33.920	26.72		1474.3							
	STD	00050	07.79	34.10	26.78	00.067	1482.0							
	DRS	00050	07.79	34.100	26.78		1482.0							
	DRS	00055	08.14	34.545	26.92		1483.6							
	DRS	00069	07.44	34.550	27.02		1481.3							
	STD	00075	07.96	34.60	26.99	00.097	1483.5							
	DRS	00075	07.96	34.600	26.99		1483.5							
	STD	00100	07.40	34.53	27.01	00.124	1481.6							
	DRS	00100	07.40	34.530	27.01		1481.6							
	DRS	00107	07.77	34.700	27.09		1483.4							
	STD	00125	06.80	34.60	27.15	00.149	1479.8							
	DRS	00125	06.80	34.600	27.15		1479.8							
	STD	00150	07.14	34.70	27.18	00.172	1481.7							
	DRS	00150	07.14	34.700	27.18		1481.7							
	DRS	00170	07.07	34.800	27.27		1481.9							
	DRS	00190	07.00	34.780	27.27		1481.7							
	DRS	00196	07.24	34.870	27.30		1483.0							
	STD	00200	07.13	34.75	27.22	00.218	1482.5							
	STD	00250	05.69	34.60	27.30	00.260	1477.4							
	DRS	00250	05.69	34.600	27.30		1477.4							
	DRS	00254	05.35	34.700	27.42		1476.2							
	DRS	00258	05.63	34.730	27.41		1477.5							
	DRS	00270	05.61	34.760	27.43		1477.7							
	DRS	00278	05.59	34.800	27.47		1477.7							
	DRS	00290	06.12	34.880	27.46		1480.2							
	STD	00300	05.94	34.81	27.45	00.298	1479.5							
	DRS	00300	05.94	34.830	27.45		1479.5							
	DRS	00316	05.58	34.820	27.48		1478.3							
	DRS	00320	05.65	34.800	27.46		1478.7							
	DRS	00328	05.65	34.870	27.52		1478.9							
	DRS	00340	05.56	34.900	27.55		1478.8							
	DRS	00345	05.62	34.900	27.54		1479.1							
	DRS	00462	05.31	34.890	27.57		1478.1							
	STD	00400	05.34	34.92	27.59	00.360	1478.9							
	DRS	00400	05.34	34.920	27.59		1479.9							
	DRS	00425	05.16	34.930	27.62		1478.6							
	DRS	00447	05.20	34.960	27.64		1479.1							
	DRS	00475	05.02	34.980	27.68		1478.9							
	STD	00500	05.16	35.02	27.69	00.411	1479.9							
	DRS	00500	05.16	35.020	27.69		1479.9							
	DRS	00514	05.31	35.040	27.69		1480.8							
	DRS	00521	05.18	35.020	27.69		1480.4							
	STD	00600	05.09	35.05	27.73	00.458	1481.3							
	DRS	00600	05.09	35.050	27.73		1481.3							
	STD	00700	04.27	34.94	27.73	00.503	1479.5							
	DRS	00700	04.27	34.940	27.73		1479.5							
	DRS	00715	04.25	34.940	27.73		1479.6							
	DRS	00740	04.28	34.920	27.71		1480.1							
	DRS	00750	04.22	34.930	27.73		1480.1							
	DRS	00767	04.31	34.920	27.71		1480.7							
	DRS	00777	04.16	34.930	27.74		1480.3							
	STD	00800	04.16	34.93	27.74	00.547	1480.7							
	DRS	00800	04.16	34.930	27.74		1480.7							
	DRS	00817	04.16	34.970	27.77		1481.0							
	DRS	00821	04.29	34.980	27.76		1481.6							
	DRS	00870	04.14	34.940	27.75		1481.7							
	STD	00900	04.19	34.95	27.75	00.592	1482.5							
	DRS	00900	04.19	34.950	27.75		1482.5							
	STD	01000	04.06	34.93	27.75	00.638	1483.6							
	DRS	01000	04.06	34.930	27.75		1483.6							
	DRS	01009	04.03	34.930	27.75		1483.6							
	DRS	01050	04.03	34.930	27.75		1484.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

KEEIO 31	H296	YEAR 1972	RNTOP 03237	AIR TEMP 07.4	DIR HGT PER	WIND-DIR 25	INST STD RECODER	TEN SQ 1306
CONSEC 0111	05	MOYTH 05	SHIP EV	NET MOLA 07.2	29 2 3	WIND-SPD 15	TRACE DIR 0	5 SQUARE 2
LAT 44 25 N	DAY 14	DATA USE 1	RAIDOMETR 1017.9	SEA		WIND-FTR	DURATION 00.7	2 SQUARE 48
LONG 044 07 W	HOOR 05.9	AREA 05	CLOUD T/A	CL/TR		WEATHER X)	ORIG TIP 111	1 SQUARE 48

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	JXPG	PJ4	TOT P	NO2	NO3	S173	P4
05.9	STD	00000	02.46	33.34	26.63	00.000	1458.0							
	DBS	00000	02.46	33.340	26.63		1458.0							
	DBS	00007	02.46	33.370	26.65		1458.2							
	STD	00010	02.59	33.40	26.67	00.014	1458.8							
	DBS	00010	02.59	33.400	26.67		1458.8							
	STD	00020	02.82	33.50	26.73	00.028	1460.1							
	DBS	00020	02.82	33.500	26.73		1460.1							
	STD	00030	02.10	33.44	26.74	00.041	1457.1							
	DBS	00030	02.10	33.440	26.74		1457.1							
	DBS	00039	02.09	33.570	26.84		1457.3							
	DBS	00040	02.24	33.600	26.85		1458.1							
	STD	00050	01.94	33.75	27.00	00.065	1457.1							
	DBS	00050	01.94	33.750	27.00		1457.1							
	DBS	00067	02.39	33.470	27.06		1459.5							
	DBS	00070	02.08	33.870	27.08		1458.2							
	DBS	00073	01.99	34.100	27.27		1458.2							
	STD	00075	02.08	34.11	27.28	00.088	1458.6							
	STD	00100	03.04	34.25	27.31	00.108	1463.4							
	DBS	00100	03.04	34.250	27.31		1463.4							
	DBS	00120	03.63	34.380	27.35		1466.4							
	STD	00125	03.58	34.38	27.36	00.127	1466.3							
	DBS	00125	03.58	34.380	27.36		1466.3							
	DBS	00147	03.82	34.430	27.37		1467.7							
	STD	00150	04.01	34.55	27.45	00.145	1468.8							
	DBS	00150	04.01	34.550	27.45		1468.8							
	DBS	00175	04.74	34.670	27.47		1472.4							
	DBS	00180	04.83	34.700	27.48		1472.9							
	STD	00200	04.05	34.59	27.48	00.177	1469.8							
	DBS	00200	04.05	34.590	27.48		1469.8							
	STD	00250	04.36	34.75	27.57	00.206	1472.1							
	DBS	00250	04.36	34.750	27.57		1472.1							
	STD	00300	05.16	34.72	27.61	00.233	1476.5							
	DBS	00300	05.16	34.720	27.61		1476.5							
	DBS	00315	05.16	34.740	27.63		1476.8							
	DBS	00334	04.93	34.900	27.63		1476.1							
	DBS	00340	05.05	34.950	27.65		1476.8							
	DBS	00351	05.09	35.010	27.69		1477.2							
	DBS	00370	04.95	34.980	27.69		1476.9							
	STD	00400	04.94	34.98	27.69	00.283	1477.3							
	DBS	00400	04.94	34.980	27.69		1477.3							
	STD	00500	04.51	34.98	27.73	00.328	1477.6							
	DBS	00500	04.61	34.980	27.73		1477.6							
	STD	00600	04.43	34.98	27.75	00.371	1478.5							
	DBS	00600	04.43	34.980	27.75		1478.5							
	DBS	00570	04.37	34.950	27.73		1479.4							
	STD	00700	04.25	34.95	27.74	00.414	1479.4							
	DBS	00700	04.25	34.950	27.74		1479.4							
	STD	00800	04.16	34.95	27.75	00.457	1480.7							
	DBS	00800	04.16	34.950	27.75		1480.7							
	STD	00900	04.01	34.93	27.75	00.501	1481.7							
	DBS	00900	04.01	34.930	27.75		1481.7							
	STD	01000	03.95	34.93	27.76	00.546	1483.1							
	DBS	01000	03.95	34.930	27.76		1483.1							
	STD	01100	03.94	34.93	27.76	00.590	1484.7							
	DBS	01100	03.94	34.930	27.76		1484.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NO10C Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOIOP 02195	AIR TEMP 02.8	OIR HGT PER	#IND-DIR 25	INST STD RECORDER	TEN SQ 1306
CONSEC 0112	MONTH 05	SHIP EV	WET BULB 01.7	22 2 2	#IND-SPO 15	TRACE DIR 0	5 SQUARE 2
LAT 44 33 N	DAY 14	DATA USE 1	BAROMETR 1020.7	SEA	#IND-FOR	DURATION 00.2	2 SQUARE 48
LONG 048 32 W	HOUR 09.1	AREA 05	CLOUD T/A	CL/TR	#EATER X)	DRIG IIP 111	1 SQUARE 48

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SWO VEL	XXYG	P34	TOT P	VOZ	VO3	S133	P4
09.1	STD	00000	00.14	33.10	26.59	00.000	1447.3							
	08S	00000	00.14	33.100	26.59		1447.3							
	08S	00005	00.04	33.100	26.59		1446.9							
	STD	00010	- 0.01	33.16	26.64	00.014	1446.9							
	08S	00010	- 0.01	33.160	26.64		1446.9							
	STD	00020	- 0.76	33.26	26.76	00.028	1443.7							
	08S	00020	- 0.76	33.260	26.76		1443.7							
	STD	00030	- 1.03	33.41	26.89	00.040	1442.8							
	08S	00030	- 1.03	33.410	26.89		1442.8							
	08S	00033	- 1.04	33.430	26.90		1442.8							
	STD	00050	- 0.51	33.76	27.15	00.061	1446.7							
	08S	00050	- 0.51	33.760	27.15		1446.0							
	08S	00063	00.57	33.830	27.15		1451.3							
	STD	00075	00.01	33.91	27.17	00.084	1448.9							
	08S	00087	- 0.25	33.790	27.16		1447.9							
	STD	00100	- 0.18	33.91	27.26	00.106	1448.6							
	08S	00100	- 0.18	33.910	27.26		1448.6							
	STD	00125	00.25	34.05	27.35	00.125	1451.2							
	08S	00125	00.25	34.050	27.35		1451.2							
	STD	00150	01.19	34.36	27.54	00.141	1456.3							
	08S	00150	01.19	34.360	27.54		1456.3							
	08S	00155	01.39	34.360	27.53		1457.2							
	08S	00193	01.75	34.390	27.52		1459.5							
	STD	00200	01.76	34.40	27.53	00.170	1459.7							
	08S	00200	01.76	34.400	27.53		1459.7							
	STD	00250	02.04	34.46	27.56	00.198	1461.8							
	08S	00250	02.04	34.460	27.56		1461.8							
	08S	00282	02.24	34.530	27.60		1463.3							
	STD	00300	02.68	34.56	27.58	00.225	1465.6							
	08S	00300	02.68	34.560	27.58		1465.6							
	08S	00327	05.14	34.930	27.62		1476.9							
	08S	00344	04.74	34.880	27.63		1475.4							
	08S	00380	05.24	35.000	27.67		1478.3							
	STD	00400	05.21	35.02	27.69	00.275	1478.5							
	08S	00400	05.21	35.020	27.69		1478.5							
	STD	00500	04.62	34.98	27.72	00.320	1477.7							
	08S	00500	04.62	34.980	27.72		1477.7							
	08S	00575	04.38	34.960	27.74		1477.9							
	STD	00600	04.60	35.00	27.74	00.363	1479.3							
	08S	00600	04.60	35.000	27.74		1479.3							
	08S	00630	04.39	34.980	27.75		1478.9							
	08S	00660	04.37	34.970	27.74		1479.3							
	08S	00677	04.39	34.980	27.75		1479.6							
	STD	00700	04.34	34.96	27.74	00.407	1479.8							
	08S	00700	04.34	34.960	27.74		1479.8							
	08S	00718	04.33	34.960	27.74		1480.0							
	08S	00721	04.26	34.950	27.74		1479.8							
	08S	00741	04.23	34.950	27.74		1480.0							
	STD	00800	04.22	34.96	27.75	00.450	1480.9							
	08S	00800	04.22	34.960	27.75		1480.9							
	08S	00830	04.18	34.950	27.75		1481.3							
	08S	00860	04.24	34.970	27.76		1482.0							
	STD	00900	04.22	34.97	27.76	00.494	1482.6							
	08S	00900	04.22	34.970	27.76		1482.6							
	08S	00917	04.20	34.960	27.75		1482.8							
	08S	00975	04.02	34.940	27.76		1483.0							
	STD	01000	04.02	34.94	27.76	00.538	1483.4							
	08S	01000	04.02	34.940	27.76		1483.4							
	08S	01020	04.04	34.950	27.76		1483.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NOIC Listing No. 31–8296.—Continued

REFID 31 8296	YEAR 1972	BDTOP 00168	AIR TEMP 02.8	DIR HGT PER	WIND-DIR 26	INST STD RECORDER	TEN SQ 1306
CDNSEC 0123	MONTH 05	SHIP EV	WET BULB 02.8	23 0 2	WIND-SPD 15	TRACE DIR 3	5 SQUARE 4
LAT 45 53 N	DAY 15	DATA USE 1	BAROMETR 1031.8	SEA	WIND-FDR	DURATION 00.1	2 SQUARE 48
LONG 049 06 W	HOUR 17.0	AREA 05	CLOUD T/4	CL/TR	WEATHER X1	ORIG IIP 111	1 SQUARE 58

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	JXYG	P34	TOT P	ND2	ND3	S133	P4
17.0	STD	00000	00.11	32.87	26.41	00.000	1446.8							
	DBS	00000	00.11	32.870	26.41		1446.8							
	STD	00010	00.04	32.85	26.39	00.016	1446.7							
	DBS	00010	00.04	32.950	26.39		1446.7							
	STD	00020	- 0.15	32.35	26.40	00.033	1445.9							
	DBS	00020	- 0.15	32.850	26.40		1445.9							
	STD	00030	- 0.90	32.95	26.51	00.049	1442.8							
	DBS	00030	- 0.90	32.950	26.51		1442.8							
	STD	00050	- 1.44	33.02	26.58	00.078	1440.7							
	DBS	00050	- 1.44	33.020	26.58		1440.7							
	DBS	00061	- 1.43	33.040	26.60		1440.9							
	DBS	00067	- 1.43	33.110	26.66		1440.9							
	STD	00075	- 1.48	33.19	26.72	00.113	1441.1							
	DBS	00075	- 1.48	33.190	26.72		1441.1							
	DBS	00092	- 1.05	33.445	26.92		1443.8							
	STD	00100	- 1.04	33.42	26.90	00.144	1443.9							
	DBS	00100	- 1.04	33.420	26.90		1443.9							
	STD	00125	- 0.69	33.54	26.98	00.172	1446.1							
	DBS	00125	- 0.69	33.540	26.98		1446.1							
	DBS	00140	- 0.44	33.600	27.02		1447.6							

REFID 31 8296	YEAR 1972	BDTOP 00101	AIR TEMP 02.8	DIR HGT PER	WIND-DIR 25	INST STD RECORDER	TEN SQ 1306
CDNSEC 0124	MONTH 05	SHIP EV	WET BULB 02.2	33 0 2	WIND-SPD 19	TRACE DIR 3	5 SQUARE 4
LAT 46 05 N	DAY 15	DATA USE 1	BAROMETR 1031.5	SEA	WIND-FDR	DURATION 00.1	2 SQUARE 68
LONG 048 27 W	HOUR 19.1	AREA 05	CLOUD T/4	CL/TR	WEATHER X2	ORIG IIP 111	1 SQUARE 68

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	JXYG	P34	TOT P	ND2	ND3	S133	P4
19.1	STD	00000	00.65	32.86	26.37	00.000	1449.3							
	DBS	00000	00.65	32.860	26.37		1449.3							
	STD	00010	00.65	32.86	26.37	00.017	1449.5							
	DBS	00010	00.65	32.860	26.37		1449.5							
	STD	00020	00.57	32.87	26.38	00.033	1449.3							
	DBS	00020	00.57	32.870	26.38		1449.3							
	STD	00030	00.31	32.86	26.39	00.050	1448.2							
	DBS	00030	00.31	32.860	26.39		1448.2							
	STD	00050	00.24	32.90	26.42	00.082	1448.3							
	DBS	00050	00.24	32.900	26.42		1448.3							
	DBS	00070	- 1.06	33.000	26.56		1442.7							

REFID 31 8296	YEAR 1972	BDTOP 00084	AIR TEMP 02.8	DIR HGT PER	WIND-DIR 26	INST STD RECORDER	TEN SQ 1306
CDNSEC 0125	MONTH 05	SHIP EV	WET BULB 02.2	26 2 2	WIND-SPD 15	TRACE DIR 0	5 SQUARE 4
LAT 46 14 N	DAY 15	DATA USE 1	BAROMETR 1031.5	SEA	WIND-FDR	DURATION 00.1	2 SQUARE 68
LONG 048 40 W	HOUR 20.5	AREA 05	CLOUD T/4	CL/TR	WEATHER X3	ORIG IIP 111	1 SQUARE 68

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	JXYG	P34	TOT P	ND2	ND3	S133	P4
20.5	STD	00000	00.67	32.84	26.35	00.000	1449.4							
	DBS	00000	00.67	32.840	26.35		1449.4							
	STD	00010	00.67	32.83	26.34	00.017	1449.5							
	DBS	00010	00.67	32.830	26.34		1449.5							
	DBS	00015	00.63	32.840	26.35		1449.4							
	STD	00020	00.63	32.84	26.35	00.034	1449.5							
	DBS	00020	00.63	32.840	26.35		1449.5							
	DBS	00025	00.66	32.840	26.35		1449.7							
	STD	00030	00.57	32.83	26.35	00.051	1449.4							
	DBS	00030	00.57	32.830	26.35		1449.4							
	STD	00050	00.41	32.83	26.36	00.084	1449.0							
	DBS	00050	00.41	32.830	26.36		1449.0							
	DBS	00055	00.33	32.870	26.36		1448.7							
	DBS	00062	- 0.39	32.900	26.45		1445.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF ID	31 9296	YEAR	1972	BOAT	03639	AIR TEMP	19.9	DIR HGT	PER	WIND-DIP	13	INST	STO	RECORDER	TEN	SO	1307
CDSFC	0126	MONTH	04	SHIP	EV	WET HULH	17.8		15 4 2	WIND-SPD	32	TRACF	DIR	0	5	SQJARE	1
LAT	41 17.5N	DAY	07	DATA	USE 1	BAROMETR	1010.5	SEA		WIND-FJR		DURATION		00.6	2	SQJARE	00
LONG	090 20.0W	HOUR	07.4	AREA	05	CLUD	T/A	CL/TR		WEATHER	X2	CRIG	TIP	111	1	SQJARE	10

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	OXYG	P14	TOT P	NO2	NO3	S133	P4
07.8	STN	00000	19.75	36.39	25.91	00.000	1523.1							
	DRS	00000	19.75	36.390	25.91		1523.1							
	DRS	00004	19.75	36.390	25.91		1523.1							
	STO	00010	19.63	36.39	25.94	00.021	1522.9							
	DRS	00010	19.63	36.390	25.94		1522.9							
	STN	00020	19.62	36.38	25.94	00.042	1523.0							
	DRS	00020	19.62	36.385	25.94		1523.0							
	STO	00030	19.32	36.29	25.95	00.063	1522.3							
	DRS	00030	19.32	36.295	25.95		1522.3							
	STN	00050	18.27	36.33	26.24	00.101	1519.7							
	DRS	00050	18.27	36.330	26.24		1519.7							
	STO	00075	17.72	36.46	26.48	00.144	1518.7							
	DRS	00075	17.72	36.460	26.48		1518.7							
	STO	00100	17.42	36.35	26.47	00.184	1518.1							
	DRS	00100	17.42	36.350	26.47		1518.1							
	DRS	00108	17.39	36.395	26.51		1518.2							
	DRS	00122	17.19	36.385	26.55		1517.9							
	STN	00125	17.22	36.39	26.54	00.223	1517.9							
	DRS	00125	17.22	36.390	26.54		1517.9							
	STO	00140	17.23	36.385	26.54		1518.2							
	DRS	00150	17.15	36.36	26.54	00.262	1519.1							
	DRS	00150	17.15	36.365	26.54		1518.1							
	STO	00200	17.01	36.35	26.57	00.339	1518.5							
	DRS	00200	17.01	36.355	26.57		1518.5							
	STN	00250	16.54	36.29	26.63	00.415	1517.8							
	DRS	00250	16.54	36.295	26.63		1517.8							
	STO	00300	15.91	36.16	26.68	00.489	1516.6							
	DRS	00300	15.91	36.165	26.68		1516.6							
	DRS	00368	14.71	35.955	26.79		1513.7							
	DRS	00389	14.74	35.995	26.81		1514.2							
	STO	00400	14.61	35.97	26.82	00.630	1513.9							
	DRS	00400	14.61	35.970	26.82		1513.9							
	STO	00500	13.10	35.75	26.97	00.760	1510.3							
	DRS	00500	13.10	35.750	26.97		1510.3							
	STO	00600	10.92	35.40	27.12	00.876	1504.1							
	DRS	00600	10.92	35.405	27.12		1504.1							
	STO	00700	08.66	35.17	27.33	00.975	1497.2							
	DRS	00700	08.66	35.175	27.33		1497.2							
	DRS	00755	07.37	35.050	27.43		1493.0							
	DRS	00770	07.31	35.075	27.45		1493.0							
	DRS	00795	07.49	35.175	27.51		1494.3							
	STO	00800	07.42	35.16	27.51	01.056	1494.1							
	DRS	00800	07.42	35.165	27.51		1494.1							
	DRS	00830	06.91	35.135	27.56		1492.6							
	DRS	00840	06.95	35.170	27.58		1492.9							
	DRS	00868	06.80	35.175	27.60		1497.9							
	STN	00900	05.55	34.99	27.62	01.121	1488.1							
	DRS	00900	05.55	34.990	27.62		1488.1							
	DRS	00920	05.45	35.025	27.66		1488.1							
	DRS	00940	05.65	35.060	27.67		1489.3							
	DRS	00965	05.19	35.015	27.69		1487.8							
	STO	01000	05.34	35.07	27.72	01.177	1489.0							
	DRS	01000	05.34	35.075	27.72		1489.0							
	STO	01107	04.95	35.07	27.76	01.227	1489.1							
	DRS	01100	04.95	35.070	27.76		1489.1							
	STN	01700	04.72	35.07	27.79	01.273	1489.8							
	DRS	01700	04.72	35.075	27.79		1489.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID	31	8296	YEAR	1972	BOTOP	03810	AIR TEMP	18.9	DIR HGT PER	WIND-DIR	12	INST STD RECORDER	TEN SQ	1307
CONSEC		0127	MONTH	05	SHIP EV		WET HULR	17.9	19 2 2	WIND-SPO	32	TRACE DIR	5	SQUARE 1
LAT	41	37.5N	DAY	07	DATA USE	1	BAROMETR	1010.2	SEA	WIND-FTR		DURATION	00.3	2 SQUARE 00
LONG	050	20.0W	HOOR	10.4	AREA	05	CLOUD T/A		CL/TR	WEATHER	X2	DRIS IIP III		1 SQUARE 10

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	TXRG	P34	TOT P	N02	N03	S173	P4
10.4	STD	00000	19.66	36.11	25.72	00.000	1522.5							
	085	00000	19.66	36.110	25.72		1522.5							
	085	00002	19.59	36.110	25.73		1522.3							
	STD	00010	19.61	36.11	25.73	00.021	1522.5							
	085	00010	19.61	36.110	25.73		1522.5							
	STD	00020	19.57	36.08	25.72	00.046	1522.6							
	085	00020	19.57	36.095	25.72		1522.6							
	STD	00030	19.22	36.00	25.75	00.068	1521.6							
	085	00030	19.22	36.000	25.75		1521.6							
	STD	00050	15.67	35.66	26.35	00.108	1511.1							
	085	00050	15.67	35.660	26.35		1511.1							
	085	00058	15.07	35.480	26.34		1509.2							
	STD	00075	15.67	35.88	26.52	00.149	1511.8							
	085	00075	15.67	35.880	26.52		1511.8							
	085	00077	15.58	35.825	26.50		1511.5							
	STD	00100	14.12	35.51	26.58	00.187	1506.8							
	085	00100	14.12	35.515	26.58		1506.8							
	085	00106	13.45	35.500	26.71		1504.7							
	085	00112	13.56	35.525	26.70		1505.2							
	STD	00125	13.17	35.44	26.72	00.223	1504.0							
	085	00125	13.17	35.445	26.72		1504.0							
	085	00133	13.05	35.480	26.77		1503.8							
	085	00147	13.13	35.485	26.76		1504.3							
	STD	00150	13.09	35.45	26.74	00.257	1504.2							
	085	00150	13.09	35.455	26.74		1504.2							
	085	00152	13.05	35.480	26.77		1504.1							
	085	00159	13.11	35.500	26.78		1504.5							
	085	00164	13.05	35.520	26.80		1504.4							
	085	00188	12.83	35.480	26.82		1504.0							
	085	00191	13.01	35.525	26.82		1504.7							
	STD	00200	12.91	35.50	26.82	00.323	1504.5							
	085	00200	12.91	35.505	26.82		1504.5							
	085	00217	12.95	35.520	26.82		1504.9							
	085	00235	12.61	35.475	26.86		1504.0							
	STD	00250	12.69	35.51	26.87	00.386	1504.6							
	085	00250	12.69	35.510	26.87		1504.6							
	085	00285	12.70	35.540	25.89		1505.2							
	STD	00300	12.93	35.67	26.94	00.448	1506.4							
	085	00300	12.93	35.670	26.94		1506.4							
	085	00350	11.74	35.490	27.04		1502.9							
	085	00355	11.83	35.520	27.04		1503.4							
	STD	00400	10.48	35.33	27.14	00.559	1499.1							
	085	00400	10.48	35.330	27.14		1499.1							
	STD	00500	08.47	35.10	27.30	00.654	1493.1							
	085	00500	09.47	35.100	27.30		1493.1							
	085	00512	08.61	35.200	27.36		1493.9							
	085	00548	07.49	34.980	27.35		1489.9							
	085	00558	07.89	35.120	27.40		1491.8							
	STD	00600	07.61	35.13	27.45	00.735	1491.5							
	085	00600	07.61	35.125	27.45		1491.5							
	STD	00700	06.09	35.04	27.59	00.803	1487.0							
	085	00700	06.09	35.040	27.59		1487.0							
	085	00757	05.51	35.060	27.68		1485.7							
	085	00770	05.74	35.090	27.68		1486.8							
	STD	00800	05.56	35.09	27.70	00.858	1486.6							
	085	00800	05.56	35.095	27.70		1486.6							
	085	00822	05.49	35.100	27.72		1486.7							
	085	00860	05.61	35.130	27.73		1487.9							
	STD	00900	05.53	35.15	27.75	00.907	1488.2							
	085	00900	05.53	35.150	27.75		1488.2							
	085	00910	05.57	35.175	27.77		1488.6							
	STD	01000	05.10	35.10	27.76	00.954	1488.1							
	085	01000	05.10	35.100	27.76		1488.1							
	085	01037	04.93	35.095	27.78		1488.0							
	085	01080	04.71	35.065	27.78		1487.8							
	STD	01100	04.68	35.06	27.78	01.000	1488.0							
	085	01130	04.62	35.060	27.79		1488.2							
	STD	01200	04.47	35.06	27.81	01.044	1488.8							
	085	01200	04.47	35.065	27.81		1488.8							
	085	01230	04.40	35.055	27.81		1489.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31	R246	YEAR	1972	BOTDP	03104	AIR TEMP	16.7	DIR HGT	PER	WIND-DIR	21	INST STD	RECORDER	TEN SQ	1307	
CONSEC		0128	MONTH	06	SHIP EV		WET AULB	14.4	16	5	3	WIND-SPD	15	TRACE DIR		5 SQUARE	1
LAT	42	22	N	DAY	07	DATA USE	1	RAPIDMETR	1009.1	SEA		WIND-FDR		DURATION	00.3	2 SQUARE	20
LONG	050	11	W	HOOR	18.1	AREA	05	CLOUO T/A		CL/TR		WEATHER	A	ORIG IIP	111	1 SQUARE	20

CASNUM/TIME	LEVTYPE	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	XYG	PJ4	TOT P	NO2	NO3	SIC3	P4
18.1	STO	00000	08.17	33.04	25.73	00.000	1481.0							
	085	00000	08.17	33.040	25.73		1481.0							
	STO	00010	02.97	33.30	26.55	00.019	1460.3							
	085	00010	02.97	33.300	26.55		1460.3							
	STO	00020	00.76	33.12	26.57	00.034	1450.5							
	STO	00030	- 0.68	33.04	26.58	00.048	1443.9							
	085	00030	- 0.68	33.040	26.58		1443.9							
	STO	00050	- 1.27	33.20	26.73	00.076	1441.7							
	085	00050	- 1.27	33.205	26.73		1441.7							
	STO	00075	- 1.30	33.30	26.81	00.108	1442.1							
	085	00075	- 1.30	33.300	26.81		1442.1							
	STO	00100	- 1.25	33.34	26.84	00.139	1442.8							
	085	00100	- 1.25	33.340	26.84		1442.8							
	STO	00125	- 1.18	33.37	26.86	00.169	1443.6							
	085	00125	- 1.18	33.370	26.86		1443.6							
	STO	00150	- 1.03	33.43	26.90	00.198	1444.8							
	085	00150	- 1.03	33.430	26.90		1444.8							
	STO	00165	- 0.91	33.600	27.04		1445.9							
	STO	00200	04.92	34.38	27.21	00.249	1473.1							
	085	00200	04.92	34.380	27.21		1473.1							
	STO	00230	05.66	34.500	27.22		1476.8							
	085	00230	05.66	34.500	27.22		1476.8							
	STO	00250	05.22	34.40	27.20	00.294	1475.2							
	085	00250	05.22	34.400	27.20		1475.2							
	STO	00256	04.69	34.400	27.26		1473.1							
	085	00256	04.69	34.400	27.26		1473.1							
	STO	00261	05.19	34.420	27.22 *		1475.3							
	085	00261	05.19	34.420	27.22 *		1475.3							
	STO	00300	04.37	34.52	27.39	00.335	1472.7							
	085	00300	04.37	34.520	27.39		1472.7							
	STO	00304	04.24	34.540	27.42		1472.2							
	085	00304	04.24	34.540	27.42		1472.2							
	STO	00312	05.32	34.680	27.41		1477.0							
	085	00312	05.32	34.680	27.41		1477.0							
	STO	00340	05.09	34.715	27.46		1476.6							
	085	00340	05.09	34.715	27.46		1476.6							
	STO	00362	04.61	34.635	27.45		1474.9							
	085	00362	04.61	34.635	27.45		1474.9							
	STO	00371	05.57	34.830	27.49		1479.2							
	085	00371	05.57	34.830	27.49		1479.2							
	STO	00382	05.52	34.820	27.49		1479.2							
	085	00382	05.52	34.820	27.49		1479.2							
	STO	00388	05.62	34.840	27.50		1479.7							
	085	00388	05.62	34.840	27.50		1479.7							
	STO	00400	04.22	34.73	27.57	00.400	1474.0							
	085	00400	04.22	34.730	27.57		1474.0							
	STO	00500	03.42	34.70	27.63	00.454	1472.2							
	085	00500	03.42	34.700	27.63		1472.2							
	STO	00555	04.92	34.960	27.67		1479.8							
	085	00555	04.92	34.960	27.67		1479.8							
	STO	00600	04.85	34.97	27.69	00.504	1480.2							
	085	00600	04.85	34.970	27.69		1480.2							
	STO	00645	05.01	35.020	27.71		1481.7							
	085	00645	05.01	35.020	27.71		1481.7							
	STO	00669	04.90	35.015	27.72		1481.7							
	085	00669	04.90	35.015	27.72		1481.7							
	STO	00700	04.90	35.02	27.72	00.551	1482.2							
	085	00700	04.90	35.020	27.72		1482.2							
	STO	00800	04.65	35.00	27.74	00.597	1482.8							
	085	00800	04.65	35.000	27.74		1482.8							
	STO	00900	04.51	35.00	27.75	00.643	1483.9							
	085	00900	04.51	35.000	27.75		1483.9							
	STO	01000	04.37	34.99	27.76	00.688	1484.9							
	085	01000	04.37	34.990	27.76		1484.9							
	STO	01095	04.28	34.980	27.76		1486.1							
	085	01095	04.28	34.980	27.76		1486.1							

TABLE X111.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTOP 02754	AIR TEMP 16.1	OIR HGT PER	WIND-DIR 23	INST STD RECORDER	TFN SO 1307
CONSEC 0129	MONTH 06	SHIP EV	WET BULB 14.4	20 2 2	WIND-SPD 12	TRACE DIA 3	5 SQUARE 1
LAT 42 29.5N	DAY 07	DATA USE 1	BAROMETR 1000.9	SEA	WIND-FJR	DURATION 01.3	2 SQUARE 20
LONG 050 06 W	HOOR 20.0	AREA 05	CLOUD T/A	CL/TR	WEATHER XL	ORIG IIP 111	1 SQUARE 20

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	TXYG	P14	TOT P	NO2	NO1	S113	P4
23.0	STD	00000	07.47	32.97	25.78	00.000	1474.2							
	08S	00000	07.47	32.970	25.78		1474.2							
	STD	00010	05.97	32.88	25.91	00.022	1472.3							
	08S	00010	05.97	32.880	25.91		1472.3							
	STD	00020	01.47	32.78	26.26	00.041	1453.2							
	08S	00020	01.47	32.780	26.26		1453.2							
	STD	00030	00.12	32.88	26.41	00.058	1447.4							
	08S	00030	00.12	32.875	26.41		1447.4							
	STD	00050	- 1.18	33.20	26.72	00.088	1442.1							
	08S	00050	- 1.18	33.200	26.72		1442.1							
	08S	00053	- 1.30	33.180	26.71		1441.6							
	STD	00075	02.96	33.85	26.99	00.118	1462.1							
	STD	00100	06.01	34.11	27.04	00.144	1475.9							
	08S	00100	06.01	34.110	27.04		1475.9							
	STD	00125	07.17	34.52	27.04	00.170	1481.1							
	08S	00125	07.17	34.520	27.04		1481.1							
	STD	00150	08.03	34.76	27.10	00.196	1485.2							
	08S	00150	08.03	34.760	27.10		1485.2							
	08S	00160	08.08	34.780	27.11		1485.6							
	08S	00183	07.50	34.700	27.13		1481.6							
	STD	00200	08.84	34.99	27.16	00.245	1489.4							
	08S	00200	08.84	34.990	27.16		1489.4							
	08S	00206	08.93	35.000	27.15		1489.8							
	STD	00250	07.26	34.86	27.29	00.290	1484.0							
	08S	00250	07.26	34.860	27.29		1484.0							
	08S	00285	05.71	34.690	27.37		1478.2							
	08S	00293	06.01	34.745	27.37		1479.6							
	STD	00300	05.95	34.74	27.37	00.329	1479.5							
	08S	00307	05.95	34.740	27.37		1479.5							
	08S	00306	05.91	34.785	27.42		1479.5							
	08S	00319	06.27	34.860	27.43		1481.2							
	08S	00345	06.12	34.895	27.48		1481.1							
	08S	00367	06.21	34.900	27.47		1481.8							
	STD	00400	05.34	34.86	27.55	00.397	1478.8							
	08S	00400	05.34	34.860	27.55		1478.8							
	08S	00412	04.84	34.805	27.56		1476.9							
	08S	00430	05.71	34.970	27.59		1480.9							
	08S	00450	05.63	34.960	27.59		1480.9							
	STD	00500	03.65	34.71	27.62	00.453	1473.2							
	08S	00500	03.65	34.715	27.62		1473.2							
	08S	00505	03.60	34.750	27.65		1473.2							
	08S	00535	03.80	34.760	27.64		1474.5							
	08S	00540	03.63	34.780	27.67		1473.9							
	STD	00600	03.99	34.86	27.70	00.503	1476.5							
	08S	00600	03.99	34.860	27.70		1476.5							
	08S	00640	04.56	34.940	27.70		1479.7							
	08S	00689	04.23	34.955	27.75		1479.1							
	STD	00700	04.36	34.96	27.74	00.548	1479.9							
	08S	00700	04.36	34.960	27.74		1479.9							
	08S	00773	04.20	34.950	27.75		1480.3							
	08S	00780	04.33	34.970	27.75		1491.1							
	STD	00900	04.34	34.96	27.74	00.593	1481.4							
	08S	00900	04.34	34.965	27.74		1481.4							
	STD	00900	04.60	35.71	27.75	00.637	1494.3							
	08S	00900	04.60	35.015	27.75		1484.3							
	STD	01000	04.41	35.00	27.76	00.683	1485.1							
	08S	01007	04.41	35.000	27.76		1485.1							
	STD	01100	04.29	34.99	27.77	00.728	1486.3							
	08S	01100	04.29	34.990	27.77		1486.3							
	08S	01105	04.27	34.995	27.77		1486.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-S296.—Continued

REFID 31 8296	YEAR 1972	BOTOP 01326	AIR TEMP 15.0	OIR MGT PER	4140-01R 21	INST STO RECOMOER	TEN 52 1307
CONSEC 0130	MONTH 06	SHIP EV	WET BULB 13.9	20 2 2	WIND-SPD 03	TRACE OIR D	5 SQUARE 1
LAT 42 41.5N	DAY 07	DATA USE 1	BAROMETR 1011.0	SEA	WIND-FJR	DURATION 03.3	2 SQUARE 20
LONG 050 03 W	HOOR 22.0	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG TIP 111	1 SQUARE 20

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNPTH	SND VEL	XYG	PJA	TOT P	NO2	NO3	S133	PH
22.0	STO	00000	10.83	33.31	25.51	00.000	1491.2							
	OBS	00000	10.83	33.310	25.51		1491.2							
	STO	00010	11.11	33.31	25.46 *	00.025	1492.4							
	OBS	00012	11.18	33.308	25.45		1492.7							
	STO	00020	06.45	33.01	25.95	00.048	1474.6							
	STO	00030	02.03	32.78	26.21	00.067	1455.9							
	OBS	00038	- 0.16	32.712	26.29		1446.0							
	STO	00050	- 0.38	32.87	26.43	00.102	1445.4							
	OBS	00054	- 0.54	32.916	26.47		1444.8							
	OBS	00065	- 1.18	33.012	26.57		1442.1							
	OBS	00069	- 1.19	33.041	26.59		1442.2							
	STO	00075	- 1.40	33.09	26.64	00.139	1441.4							
	OBS	00075	- 1.42	33.095	26.64		1441.3							
	OBS	00098	- 1.62	33.311	26.82		1441.0							
	STO	00100	- 1.56	33.32	26.83	00.172	1441.3							
	OBS	00115	- 1.24	33.403	26.89		1443.2							
	OBS	00122	- 1.26	33.443	26.92		1443.3							
	STO	00125	- 1.16	33.49	26.95	00.201	1443.9							
	OBS	00127	- 1.09	33.513	26.97		1444.3							
	OBS	00138	- 0.85	33.545	26.99		1445.6							
	OBS	00148	00.00	33.659	27.05		1449.9							
	STO	00150	00.18	33.67	27.05	00.228	1450.7							
	OBS	00176	02.49	33.881	27.06		1461.8							
	OBS	00190	03.21	34.007	27.10		1465.3							
	STO	00200	03.22	34.01	27.10	00.278	1465.5							
	OBS	00206	03.23	34.018	27.10		1465.6							
	OBS	00210	03.30	34.049	27.12		1466.1							
	OBS	00232	01.62	33.945	27.18		1459.0							
	STO	00250	03.22	34.11	27.18	00.326	1466.5							
	OBS	00250	03.35	34.131	27.18		1467.1							
	OBS	00258	04.63	34.378	27.25		1472.9							
	OBS	00286	01.69	34.022	27.23		1460.3							
	STO	00300	00.52	34.03	27.32	00.368	1455.3							
	OBS	00306	00.48	34.038	27.33		1455.2							
	OBS	00322	01.89	34.338	27.47		1462.2							
	STO	00400	05.54	34.82	27.49	00.438	1479.6							
	OBS	00401	05.63	34.835	27.49		1480.0							
	OBS	00412	05.41	34.808	27.50		1479.2							
	OBS	00423	05.36	34.853	27.54		1479.3							
	STO	00500	04.34	34.85	27.65	00.496	1476.3							
	OBS	00509	04.25	34.830	27.65		1476.1							
	OBS	00520	04.16	34.809	27.64		1475.8							
	OBS	00560	04.37	34.883	27.68		1477.5							
	STO	00600	04.74	34.97	27.70	00.545	1479.8							
	OBS	00638	04.92	35.026	27.73		1481.3							
	OBS	00699	04.84	35.040	27.75		1482.0							
	STO	00700	04.84	35.04	27.75	00.590	1482.0							
	OBS	00762	04.74	35.035	27.75		1482.6							
	STO	00800	04.65	35.03	27.76	00.635	1482.8							
	OBS	00821	04.61	35.024	27.76		1483.0							
	OBS	00876	04.51	35.024	27.77		1483.5							
	STO	00900	04.48	35.02	27.77	00.678	1483.8							
	OBS	00967	04.41	35.015	27.78		1484.6							
	STO	01000	04.37	35.01	27.78	00.722	1485.0							
	OBS	01082	04.29	35.004	27.78		1486.0							
	STO	01100	04.28	35.00	27.78	00.765	1486.2							
	OBS	01162	04.23	34.994	27.78		1487.1							
	OBS	01184	04.21	34.992	27.78		1487.4							
	STO	01200	04.20	34.99	27.78	00.810	1487.6							
	OBS	01201	04.20	34.992	27.78		1487.6							
	OBS	01214	04.18	34.993	27.78		1487.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NOIC Listing No. 31–8296.—(Continued)

REFID 31 8296	YEAR 1972	BOATOP 00455	AIR TEMP 13.9	DIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN SQ 1307
CUNSEC 0131	MONTH 05	SHIP EV	WET BULB 12.2	19 3 2	WIND-SPO 15	TRACE DIR 0	5 SQUARE 1
LAT 42 45.5N	DAY 07	DATA USE 1	BAROMETR 1011.9	SEA	WIND-FDR	DURATION 03.2	2 SQUARE 20
LONG 050 02.5W	HOOR 23.8	AREA 05	CLOUD T/4	CL/TR	WEATHER X1	ORIG TIP 111	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OMNORTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	P4
23.8	STD	00000	10.83	31.21	25.43	00.000	1491.1							
	DRS	00000	10.83	31.210	25.43		1491.1							
	STD	00010	08.97	32.68	25.33	00.026	1483.8							
	DRS	00010	08.97	32.680	25.33		1483.8							
	DRS	00011	10.93	33.214	25.44		1491.3							
	STD	00020	08.12	32.80	25.55	00.052	1480.8							
	DRS	00025	06.01	32.645	25.77		1472.4							
	STD	00030	03.59	32.66	25.99	00.074	1462.4							
	DRS	00039	00.33	32.692	26.25		1448.2							
	DRS	00041	- 0.06	32.823	26.38		1446.7							
	DRS	00047	- 0.04	32.847	26.39		1446.9							
	STD	00050	- 0.14	32.87	26.42	00.110	1446.5							
	DRS	00052	- 0.25	32.890	26.44		1446.1							
	DRS	00057	- 0.50	32.909	26.46		1445.0							
	DRS	00063	- 0.67	32.932	26.49		1444.4							
	DRS	00073	- 0.93	32.984	26.54		1443.4							
	STD	00075	- 0.97	33.00	26.56	00.149	1443.3							
	DRS	00078	- 1.07	33.046	26.59		1442.9							
	DRS	00080	- 1.50	33.100	26.65		1441.0							
	STD	00100	- 1.56	33.29	26.81	00.183	1441.3							
	DRS	00100	- 1.54	33.290	26.81		1441.3							
	DRS	00112	- 1.58	33.340	26.85		1441.5							
	STD	00125	- 1.26	33.42	26.90	00.213	1443.3							
	DRS	00125	- 1.26	33.420	26.90		1443.3							
	STD	00150	- 0.89	33.52	26.98	00.241	1445.6							
	DRS	00150	- 0.89	33.525	26.98		1445.6							
	DRS	00172	- 0.85	33.540	26.99		1446.2							
	STD	00200	- 0.43	33.67	27.07	00.293	1448.8							
	DRS	00200	- 0.43	33.670	27.07		1448.8							
	DRS	00220	- 0.14	33.755	27.13		1450.5							
	STD	00250	- 0.08	33.79	27.16	00.341	1451.4							
	DRS	00250	- 0.08	33.795	27.16		1451.4							
	DRS	00272	00.16	33.905	27.24		1453.0							
	DRS	00287	00.22	33.910	27.24		1453.5							
	STD	00300	00.17	33.97	27.29	00.383	1453.6							
	DRS	00300	00.17	33.970	27.29		1453.6							
	DRS	00312	00.45	34.020	27.31		1455.1							
	DRS	00350	00.57	34.065	27.34		1456.4							
	DRS	00368	00.70	34.110	27.37		1457.3							
	DRS	00385	01.17	34.270	27.47		1459.9							
	STD	00400	03.37	34.49	27.47	00.455	1470.1							
	DRS	00400	03.37	34.495	27.47		1470.1							
	DRS	00410	03.79	34.560	27.48		1472.1							
	DRS	00422	03.32	34.500	27.48		1470.3							

REFID 31 8296	YEAR 1972	BOATOP 00241	AIR TEMP 13.9	DIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN SQ 1307
CUNSEC 0132	MONTH 05	SHIP EV	WET BULB 12.2	19 3 2	WIND-SPO 15	TRACE DIR 0	5 SQUARE 1
LAT 42 50.5N	DAY 08	DATA USE 1	BAROMETR 1011.9	SEA	WIND-FDR	DURATION 03.2	2 SQUARE 20
LONG 050 00.5W	HOOR 00.7	AREA 05	CLOUD T/4	CL/TR	WEATHER X1	ORIG TIP 111	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OMNORTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	P4
00.7	STD	00000	09.55	33.11	25.57	00.000	1486.3							
	DRS	00000	09.55	33.110	25.57		1486.3							
	DRS	00005	09.55	33.100	25.57		1486.4							
	STD	00010	09.54	33.10	25.57	00.024	1486.4							
	DRS	00010	09.54	33.103	25.57		1486.4							
	DRS	00014	09.55	33.116	25.58		1486.6							
	STD	00020	07.62	33.02	25.80	00.047	1479.2							
	STD	00030	03.95	32.93	26.17	00.068	1466.3							
	DRS	00031	01.40	32.933	26.22		1462.0							
	DRS	00034	01.04	32.960	26.43		1451.8							
	DRS	00045	00.56	32.986	26.48		1449.8							
	STD	00050	00.31	33.04	26.53	00.101	1448.8							
	DRS	00057	00.18	33.095	26.58		1448.4							
	DRS	00071	00.79	33.138	26.58		1451.5							
	STD	00075	00.87	33.14	26.58	00.139	1451.9							
	DRS	00080	00.98	33.157	26.59		1452.5							
	DRS	00091	01.14	33.211	26.62		1453.5							
	STD	00100	01.05	33.24	26.65	00.174	1453.2							
	DRS	00103	01.01	33.244	26.66		1453.1							
	DRS	00111	01.28	33.254	26.65		1454.5							
	DRS	00121	01.29	33.278	26.67		1454.7							
	STD	00125	01.31	33.29	26.67	00.209	1454.9							
	DRS	00131	01.32	33.310	26.69		1455.1							
	DRS	00143	01.25	33.351	26.73		1455.0							
	STD	00150	01.22	33.37	26.75	00.243	1455.0							
	DRS	00164	01.13	33.418	26.79		1454.9							
	DRS	00178	01.05	33.448	26.82		1454.8							
	DRS	00188	00.97	33.536	26.89		1454.9							
	DRS	00195	00.62	33.563	26.94		1453.3							
	DRS	00199	- 0.20 P	33.52 P	26.940									
	STD	00200	00.59	33.59	26.96	00.303	1453.3							
	DRS	00210	00.51	33.640	27.00		1453.2							
	DRS	00212	00.46	33.652	27.02		1453.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BDTOP 00073	AIR TEMP 10.0	DIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN SQ 1307
CONSEC 0133	MONTH 06	SHIP EV	WET RULB 10.0	18 3 2	WIND-SPD 12	TRACE DIR 0	5 SQUARE 1
LAT 43 20 N	DAY 03	DATA USE 1	BAROMETR 1013.2	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 23
LONG 050 00 W	HDJR 02.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X6	ORIG TIP 111	1 SQUARE 30

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	P34	TOT P	ND2	ND3	S133	P4
	STD	00000	06.22	32.86	25.86	00.000	1473.1							
02.2	DBS	00009	06.22	32.865	25.86		1473.1							
	DBS	00008	06.21	32.961	25.86		1473.2							
	STD	00010	06.21	32.86	25.86	00.021	1473.3							
	DBS	00014	06.22	32.863	25.86		1473.4							
	DBS	00018	06.22	32.868	25.86		1473.4							
	STD	00020	06.12	32.79	25.82 *	00.043	1473.0							
	DBS	00023	05.32	32.686	25.83		1469.6							
	DBS	00027	03.53	32.693	26.02		1462.2							
	STD	00030	03.00	32.77	26.13	00.064	1460.1							
	DBS	00034	02.24	32.845	26.25		1456.9							
	DBS	00039	01.69	32.833	26.28		1454.5							
	DBS	00043	01.50	32.842	26.30		1453.8							
	DBS	00048	01.18	32.861	26.34		1452.5							
	STD	00050	01.05	32.89	26.37	00.099	1452.0							
	DBS	00052	00.86	32.930	26.41		1451.2							
	DBS	00057	00.69	32.917	26.41		1450.5							
	DBS	00062	00.42	32.990	26.49		1449.4							

REFID 31 8296	YEAR 1972	BDTOP 00062	AIR TEMP 10.0	DIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN SQ 1306
CONSEC 0134	MONTH 06	SHIP EV	WET RULB 10.0	18 2 2	WIND-SPD 12	TRACE DIR 0	5 SQUARE 2
LAT 43 20 N	DAY 09	DATA USE 1	BAROMETR 1013.2	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 28
LONG 049 37.5W	HDJR 05.0	AREA 05	CLOUD T/A	CL/TR	WEATHER X6	ORIG TIP 111	1 SQUARE 39

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	OXYG	P34	TOT P	ND2	ND3	S133	PH
	STD	00000	08.71	32.91	25.55	00.000	1482.9							
05.0	DBS	00009	08.71	32.915	25.55		1482.9							
	DBS	00005	08.72	32.915	25.55		1483.0							
	STD	00010	08.71	32.91	25.55	00.024	1483.1							
	DBS	00010	08.71	32.915	25.55		1483.1							
	DBS	00015	08.72	32.915	25.55		1483.2							
	STD	00020	05.85	32.79	25.85	00.047	1471.9							
	DBS	00028	03.09	32.627	26.01		1460.2							
	STD	00030	02.63	32.72	26.12	00.068	1458.4							
	DBS	00033	01.89	32.866	26.29		1455.4							
	DBS	00036	01.81	32.887	26.32		1455.1							
	DBS	00039	01.57	32.824	26.28 *		1454.0							
	DBS	00041	01.27	32.902	26.37		1452.8							
	DBS	00045	01.05	32.954	26.42		1452.0							

TABLE XIX.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NOIC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOATOP 00207	AIR TEMP 09.4	DIR HGT PER	WIND-DIR 23	INST STO RECORDER	TEN 50 1306
CONSEC 0135	MONTH 06	SHIP EV	WET BULB 09.4	18 2 2	WIND-SPD 12	TRACE DIR	5 SQUARE 2
LAT 43 09.5N	DAY 08	DATA USE 1	BAROMETR 1011.5	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 28
LONG 049 32 W	MOJR 06.6	AREA 05	CLOUD T/A	CL/TR	WEATHER X	ORIG IIP 111	1 SQUARE 39

CSTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIC3	PH
06.6	STD	00000	07.99	32.91	25.66	00.000	1480.2							
	08S	00000	07.99	32.915	25.66		1480.2							
	STD	00010	07.99	32.92	25.67	00.023	1480.3							
	08S	00010	07.99	32.920	25.67		1480.4							
	08S	00012	07.98	32.917	25.66		1480.3							
	08S	00019	07.87	32.852	25.63		1479.9							
	STD	00020	07.82	32.86	25.64	00.047	1479.8							
	08S	00023	06.45	32.946	25.90		1474.6							
	08S	00028	03.16	32.921	26.24		1460.9							
	STD	00030	02.96	32.90	26.24	00.068	1460.1							
	08S	00043	01.44	32.843	26.31		1451.5							
	STD	00050	00.81	32.95	26.43	00.102	1451.0							
	08S	00053	00.61	32.969	26.46		1450.1							
	08S	00059	00.50	32.939	26.44		1449.7							
	08S	00067	00.33	32.979	26.48		1449.1							
	STD	00075	00.03	33.02	26.53	00.141	1447.9							
	08S	00075	00.01	33.023	26.53		1447.8							
	08S	00081	- 0.11	32.984	26.51		1447.3							
	08S	00086	- 0.31	33.058	26.58		1446.6							
	08S	00096	- 0.52	33.047	26.58		1445.3							
	STD	00100	- 0.63	33.07	26.60	00.177	1445.4							
	08S	00101	- 0.67	33.077	26.61		1445.2							
	08S	00107	- 0.90	33.134	26.66		1444.3							
	08S	00111	- 0.93	33.150	26.67		1444.3							
	08S	00117	- 0.97	33.174	26.69		1444.2							
	08S	00124	- 0.97	33.195	26.71		1444.3							
	STD	00125	- 1.00	33.21	26.73	00.212	1444.2							
	08S	00129	- 1.08	33.265	26.77		1444.0							
	08S	00132	- 1.06	33.264	26.77		1444.1							
	08S	00139	- 1.11	33.287	26.79		1444.1							
	08S	00144	- 1.11	33.342	26.84		1444.2							
	08S	00149	- 1.11	33.355	26.85		1444.3							
	STD	00150	- 1.11	33.36	26.85	00.244	1444.3							
	08S	00153	- 1.10	33.360	26.85		1444.4							
	08S	00158	- 1.09	33.367	26.85		1444.6							
	08S	00163	- 1.08	33.387	26.87		1444.7							
	08S	00168	- 1.06	33.395	26.88		1444.9							
	08S	00173	- 1.00	33.444	26.91		1445.4							
	08S	00178	- 0.97	33.445	26.91		1445.6							
	08S	00184	- 0.96	33.446	26.91		1445.7							
	08S	00189	- 0.95	33.458	26.92		1445.9							
	08S	00193	- 0.93	33.462	26.93		1446.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NO100 Listing No. 31-8296.—Continued

REFID	31	8296	YEAR	1972	BOTOP	00814	AIR TEMP	07.8	DIR HGT	PER	WIND-DIR	21	INST	STO	RECORDER	TEN	SD	1306	
CONSEC		0136	MONTH	06	SHIP	EV	WET BULB	07.2	19	3	2	WIND-SPO	13	TRACE	01R	0	5	SQUARE	2
LAT	43	31.5N	DAY	08	DATA	USE	BAROMETR	1014.6	SFA			WIND-FJR		DURATION	03.1	2	SQUARE	28	
LONG	049	28 W	HOOR	08.0	AREA	05	CLOUD	T/A	CL/TR			WEATHER	X	ORIG	11P	111	1	SQUARE	39

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	OXYG	P34	TOI P	NO2	NO3	S133	P4
08.0	STO	00000	05.51	32.90	25.98	00.000	1470.3							
	08S	00000	05.51	32.900	25.98		1470.3							
	08S	00007	05.51	32.900	25.98		1470.4							
	STO	00010	05.46	32.90	25.98	00.020	1470.3							
	08S	00010	05.46	32.900	25.98		1470.3							
	08S	00010	05.50	32.899	25.98		1470.4							
	08S	00013	05.49	32.874	25.96		1470.4							
	08S	00015	05.47	32.900	25.98		1470.4							
	08S	00018	05.46	32.899	25.98		1470.4							
	STO	00020	05.45	32.89	25.98	00.041	1470.4							
	08S	00021	05.45	32.893	25.98		1470.4							
	08S	00023	05.45	32.897	25.98		1470.4							
	08S	00026	05.29	33.030	26.10		1470.0							
	STO	00030	04.01	33.03	26.24	00.060	1464.7							
	08S	00030	04.01	33.027	26.24		1464.7							
	08S	00036	01.09	32.859	26.34		1451.9							
	08S	00038	00.82	32.897	26.39		1450.7							
	08S	00041	00.72	32.991	26.47		1450.5							
	08S	00044	00.64	32.964	26.45		1450.1							
	08S	00047	00.24	33.005	26.51		1448.4							
	STO	00050	00.10	33.03	26.54	00.093	1447.8							
	08S	00052	- 0.07	33.042	26.55		1447.1							
	08S	00057	- 0.38	33.000	26.53		1445.7							
	08S	00061	- 0.47	33.030	26.56		1445.4							
	08S	00070	- 0.81	33.072	26.61		1444.0							
	08S	00073	- 0.82	33.100	26.63		1444.1							
	STO	00075	- 0.86	33.11	26.64	00.129	1443.9							
	08S	00078	- 0.94	33.136	26.66		1443.6							
	08S	00084	- 0.92	33.144	26.67		1443.9							
	08S	00092	- 0.95	33.117	26.65		1443.8							
	08S	00093	- 0.95	33.148	26.67		1443.8							
	08S	00099	- 1.04	33.154	26.68		1443.5							
	STO	00100	- 1.04	33.16	26.69	00.164	1443.5							
	08S	00105	- 1.09	33.205	26.72		1443.5							
	08S	00111	- 1.14	33.192	26.71		1443.3							
	08S	00117	- 1.21	33.215	26.74		1443.1							
	08S	00122	- 1.25	33.257	26.77		1443.1							
	STO	00125	- 1.27	33.27	26.78	00.197	1443.1							
	08S	00127	- 1.28	33.274	26.79		1443.0							
	08S	00134	- 1.30	33.285	26.79		1443.1							
	08S	00140	- 1.31	33.312	26.82		1443.2							
	08S	00143	- 1.28	33.342	26.84		1443.4							
	08S	00148	- 1.21	33.363	26.86		1443.9							
	STO	00150	- 1.20	33.37	26.86	00.227	1443.9							
	08S	00155	- 1.17	33.391	26.88		1444.2							
	08S	00161	- 1.14	33.406	26.89		1444.5							
	08S	00169	- 1.09	33.417	26.90		1444.8							
	08S	00174	- 1.06	33.440	26.91		1445.1							
	08S	00183	- 1.02	33.451	26.92		1445.4							
	08S	00198	- 0.90	33.514	26.97		1446.3							
	STO	00200	- 0.90	33.52	26.97	00.284	1446.4							
	08S	00210	- 0.82	33.529	26.98		1446.9							
	08S	00219	- 0.68	33.629	27.05		1447.9							
	08S	00234	- 0.52	33.660	27.07		1448.9							
	08S	00243	- 0.44	33.669	27.07		1449.4							
	08S	00249	- 0.43	33.694	27.09		1449.6							
	STO	00250	- 0.42	33.70	27.10	00.336	1449.7							
	08S	00259	- 0.32	33.768	27.15		1450.4							
	08S	00268	- 0.17	33.785	27.16		1451.3							
	08S	00274	- 0.15	33.786	27.16		1451.4							
	08S	00293	00.28	33.961	27.27		1454.0							
	STO	00300	00.29	33.98	27.29	00.380	1454.2							
	08S	00324	00.90	34.174	27.41		1457.6							
	08S	00338	01.67	34.365	27.51		1461.5							
	08S	00348	01.99	34.399	27.51		1463.1							
	08S	00372	02.74	34.641	27.64		1467.1							
	STO	00400	03.22	34.78	27.71	00.440	1469.8							
	08S	00415	03.42	34.828	27.73		1471.0							
	08S	00453	03.71	34.81 P	27.690*									
	08S	00477	03.87	34.848	27.70		1474.0							
	STO	00500	03.97	34.88	27.72	00.483	1474.8							
	08S	00511	04.01	34.896	27.72		1475.2							
	08S	00552	04.06	34.905	27.73		1476.1							
	08S	00575	04.07	34.910	27.73		1476.5							
	STO	00600	04.06	34.92	27.74	00.526	1476.9							
	08S	00606	04.06	34.926	27.74		1477.0							
	08S	00658	04.06	34.933	27.75		1477.9							
	08S	00680	04.06	34.931	27.75		1478.3							
	STO	00700	04.06	34.93	27.75	00.569	1478.6							
	08S	00708	04.06	34.932	27.75		1478.7							
	08S	00753	04.06	34.934	27.75		1479.5							
	08S	00782	04.06	34.936	27.75		1480.0							
	08S	00787	04.07	34.935	27.75		1480.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTOP 01458	AIR TEMP 07.8	OIR HGT PER	WIND-OIR 23	INST STO RECORDER	TEN SQ 1306
CONSEC 0137	MONTH 04	SHIP EV	WET BULB 06.7	20 0 X	WIND-SPD 13	TRACE OIR 0	5 SQUARE 2
LAT 42 53.5N	DAY 08	DATA USE 1	BAROMETR 1015.2	SEA	WIND-FIR	DURATION 00.3	2 SQUARE 28
LONG 049 24 W	MOIR 09.7	AREA 05	CLOUD T/A	CL/TR	WEATHER X4	ORIG IIP 111	1 SQUARE 29

CASSTNUM/TIME	LVLTY	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	JXYG	P34	TOT P	NO2	NO3	S133	P4
09.7	STO	00000	03.27	32.70	26.05	00.000	1460.6							
	OBS	00000	03.27	32.700	26.05		1460.6							
	STO	00010	03.28	32.70	26.05	00.020	1460.9							
	OBS	00011	03.28	32.699	26.05		1460.9							
	STO	00020	00.89	32.54	26.10	00.039	1450.3							
	OBS	00022	00.43	32.494	26.09		1448.1							
	OBS	00028	- 0.32	32.691	26.28		1445.1							
	STO	00030	- 0.33	32.76	26.34	00.057	1445.1							
	OBS	00031	- 0.35	32.797	26.37		1445.1							
	OBS	00034	- 0.40	32.806	26.38		1445.0							
	OBS	00039	- 0.50	32.910	26.46		1444.7							
	OBS	00040	- 0.48	33.028	26.56		1445.0							
	OBS	00044	- 0.35	32.988	26.52		1445.6							
	OBS	00048	- 0.23	33.002	26.53		1446.3							
	STO	00050	- 0.47	33.06	26.59	00.089	1445.2							
	OBS	00051	- 0.65	33.095	26.67		1444.5							
	OBS	00055	- 1.36	33.075	26.63		1441.2							
	OBS	00058	- 1.40	33.174	26.71		1441.2							
	OBS	00062	- 1.34	33.217	26.74		1441.6							
	OBS	00065	- 1.30	33.217	26.74		1441.9							
	OBS	00069	- 1.34	33.231	26.75		1441.7							
	OBS	00074	- 1.37	33.243	26.76		1441.7							
	STO	00075	- 1.37	33.24	26.76	00.123	1441.7							
	OBS	00076	- 1.39	33.238	26.76		1441.7							
	OBS	00081	- 1.46	33.271	26.79		1441.4							
	OBS	00083	- 1.49	33.288	26.80		1441.4							
	OBS	00089	- 1.52	33.112	26.82		1441.3							
	OBS	00093	- 1.52	33.327	26.93		1441.4							
	OBS	00098	- 1.51	33.335	26.84		1441.6							
	STO	00107	- 1.51	33.36	26.86	00.154	1441.6							
	OBS	00103	- 1.49	33.399	26.89		1441.8							
	OBS	00108	- 1.41	33.411	26.90		1442.3							
	OBS	00112	- 1.27	33.425	26.91		1443.1							
	OBS	00119	- 1.27	33.419	26.90		1443.4							
	STO	00125	- 1.21	33.42	26.90	00.183	1443.5							
	OBS	00129	- 1.21	33.415	26.90		1443.6							
	OBS	00141	- 1.08	33.525	26.98		1444.5							
	STO	00150	- 0.98	33.51	26.97	00.211	1445.2							
	OBS	00154	- 0.94	33.509	26.96		1445.4							
	OBS	00169	- 0.91	33.518	26.97		1445.8							
	OBS	00179	- 0.89	33.528	26.98		1446.1							
	OBS	00193	- 0.82	33.561	27.00		1446.7							
	STO	00200	- 0.79	33.57	27.00	00.265	1447.0							
	OBS	00214	- 0.71	33.582	27.01		1447.6							
	OBS	00249	- 0.45	33.668	27.07		1449.5							
	STO	00250	- 0.44	33.67	27.08	00.316	1449.5							
	OBS	00275	- 0.21	33.765	27.14		1451.2							
	OBS	00299	00.13	33.840	27.19		1453.2							
	STO	00300	00.15	33.85	27.19	00.363	1453.3							
	OBS	00308	00.58	33.955	27.25		1455.6							
	OBS	00323	00.21	33.923	27.25		1454.1							
	OBS	00348	00.74	34.103	27.36		1457.2							
	OBS	00374	01.18	34.271	27.47		1459.8							
	OBS	00399	01.94	34.439	27.55		1463.8							
	STO	00400	01.95	34.44	27.55	00.435	1463.9							
	OBS	00448	03.29	34.658	27.61		1470.8							
	OBS	00473	03.63	34.720	27.62		1472.7							
	STO	00500	03.75	34.76	27.64	00.489	1473.7							
	STO	00600	04.04	34.87	27.70	00.537	1476.8							
	OBS	00606	04.05	34.877	27.70		1476.9							
	OBS	00638	04.08	34.895	27.72		1477.6							
	STO	00700	04.12	34.91	27.73	00.582	1478.8							
	OBS	00710	04.13	34.917	27.73		1479.0							
	STO	00800	04.13	34.93	27.74	00.627	1480.5							
	OBS	00849	04.13	34.937	27.74		1481.4							
	OBS	00874	04.14	34.938	27.74		1481.6							
	STO	00900	04.13	34.94	27.75	00.672	1482.2							
	OBS	00908	04.13	34.940	27.75		1482.3							
	OBS	00952	04.08	34.936	27.75		1482.9							
	OBS	00978	04.07	34.943	27.75		1483.3							
	STO	01000	04.07	34.95	27.76	00.716	1483.6							
	OBS	01012	04.07	34.946	27.76		1483.8							
	STO	01100	04.04	34.95	27.76	00.762	1485.2							
	OBS	01107	04.04	34.946	27.76		1485.3							
	STO	01200	04.00	34.94	27.76	00.807	1486.7							
	OBS	01210	03.99	34.943	27.76		1486.8							
	OBS	01234	03.97	34.946	27.77		1497.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 0296	YEAR 1972	BOI TOP 01917	AIR TEMP 08.9	OIR HGT PER	WIND-OIR 17	INST STD RECORDER	TEM SQ 1306
CONSEC 0138	MOYNT 05	SHIP EV	WET BULB 08.3	19 3 2	WIND-SPD 23	TRACE OIR	5 SQUARE 2
LAT 42 42 N	DAY 08	DATA USE 1	BAROMETR 1015.6	SEA	WIND-FJR	DURATION 00.4	2 SQUARE 28
LONG 049 18.5W	HOOR 11.6	AREA 05	CLOUD T/A	CL/YR	WEATHER K4	ORIG IIP 111	1 SQUARE 29

CASIDUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	P34	FOI P	N02	N03	S133	PH
11.6	STO	00000	01.10	32.39	25.97	00.000	1450.7							
	DBS	00000	01.10	32.390	25.97		1450.7							
	STO	00010	01.10	32.39	25.97	00.020	1450.8							
	DBS	00010	01.10	32.390	25.97		1450.8							
	DBS	00019	00.73	32.402	26.00		1449.3							
	STO	00020	00.72	32.40	25.99	00.041	1449.3							
	DBS	00023	00.65	32.384	25.99		1449.0							
	DBS	00028	00.51	32.370	25.98		1445.4							
	STO	00030	00.47	32.34	25.97	00.061	1448.2							
	DBS	00030	00.37	32.334	25.96		1447.8							
	DBS	00032	00.05	32.419	26.05		1446.5							
	DBS	00036	- 0.28	32.626	26.23		1445.3							
	DBS	00041	- 0.09	32.604	26.20		1446.2							
	DBS	00043	- 0.52	32.564	26.19		1444.2							
	DBS	00044	- 0.87	32.802	26.39		1442.9							
	DBS	00048	- 1.29	32.826	26.42		1441.1							
	STO	00050	- 1.30	32.85	26.44	00.098	1441.1							
	DBS	00054	- 1.49	32.907	26.49		1440.3							
	DBS	00056	- 1.60	32.995	26.57		1440.0							
	DBS	00065	- 1.68	33.028	26.60		1439.8							
	STO	00075	- 1.42	33.20	26.73	00.134	1441.4							
	DBS	00078	- 1.41	33.236	26.76		1441.6							
	DBS	00083	- 1.48	33.270	26.79		1441.4							
	DBS	00089	- 1.49	33.292	26.81		1441.5							
	STO	00100	- 1.48	33.36	26.86	00.166	1441.7							
	DBS	00101	- 1.48	33.364	26.86		1441.8							
	DBS	00121	- 1.23	33.489	26.96		1443.5							
	STO	00125	- 1.16	33.56	27.02	00.194	1444.0							
	DBS	00134	- 0.92	33.710	27.13		1445.5							
	STO	00150	- 0.31	33.83	27.20	00.218	1448.7							
	DBS	00154	- 0.09	33.848	27.20		1449.8							
	DBS	00160	00.20	33.854	27.19		1451.3							
	DBS	00190	00.55	33.977	27.27		1453.5							
	STO	00200	00.45	33.99	27.29	00.259	1453.3							
	DBS	00200	00.45	33.995	27.29		1453.3							
	DBS	00213	00.46	34.003	27.30		1453.5							
	DBS	00233	00.50	34.009	27.30		1454.1							
	STO	00250	00.58	34.05	27.33	00.298	1454.8							
	DBS	00251	00.59	34.056	27.33		1454.8							
	DBS	00271	00.65	34.054	27.33		1455.4							
	DBS	00293	00.87	34.137	27.38		1456.9							
	STO	00300	00.93	34.15	27.39	00.334	1457.3							
	DBS	00308	01.05	34.172	27.40		1458.0							
	DBS	00351	02.37	34.514	27.57		1465.0							
	STO	00400	03.13	34.66	27.62	00.395	1469.3							
	DBS	00410	03.21	34.680	27.63		1469.6							
	DBS	00440	03.29	34.725	27.66		1470.7							
	DBS	00456	03.42	34.748	27.67		1471.6							
	DBS	00474	03.46	34.755	27.67		1472.1							
	DBS	00497	03.59	34.796	27.69		1473.0							
	STO	00500	03.63	34.80	27.69	00.443	1473.3							
	DBS	00511	03.76	34.821	27.69		1474.0							
	DBS	00539	03.91	34.846	27.69		1475.2							
	STO	00600	04.16	34.90	27.71	00.489	1477.3							
	DBS	00607	04.19	34.908	27.71		1477.6							
	DBS	00670	04.40	34.934	27.71		1479.5							
	STO	00700	04.38	34.95	27.73	00.534	1480.0							
	DBS	00706	04.38	34.956	27.73		1480.1							
	STO	00800	04.33	34.96	27.74	00.579	1481.4							
	DBS	00810	04.32	34.965	27.75		1481.5							
	DBS	00824	04.34	34.969	27.75		1481.9							
	STO	00900	04.17	34.96	27.76	00.623	1482.4							
	DBS	00963	04.16	34.952	27.75		1483.4							
	DBS	00996	04.20	34.963	27.76		1484.1							
	STO	01000	04.20	34.96	27.76	00.667	1484.2							
	DBS	01034	04.21	34.967	27.76		1484.8							
	DBS	01043	04.21	34.964	27.76		1485.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BUTOP 02021	ATK TEMP 09.4	DIR WGT PFR	WIND-31R 23	INST STD RECORDER	TEN S2 1306
CONSEC 0139	MONTH 06	SHIP EV	WET HULB 08.9	15 3 3	WIND-SPO 13	TRACE DIR 3	5 SQUARE 2
LAT 42 45.0N	DAY 04	DATA USE 1	BAROMETR 1014.6	SEA	WIND-FOR	DURATION 00.3	2 SQUARE 28
LONG 049 20.0W	HOOR 20.4	AREA 05	CLOUD T/A	CL/IR	WEATHER X4	ORIG IIP 111	1 SQUARE 29

CASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	3XYG	P14	TOT P	NO2	NO3	S133	P4
20.4	STO	00000	01.95	32.53	26.03	00.000	1454.7							
	DBS	00000	01.95	32.535	26.03		1454.7							
	STO	00010	01.91	32.53	26.02	00.020	1454.6							
	DBS	00010	01.91	32.530	26.02		1454.6							
	STO	00020	- 0.16	32.58	26.19	00.039	1445.5							
	DBS	00030	- 0.41	32.58	26.20	00.057	1444.5							
	STO	00030	- 0.41	32.585	26.20		1444.5							
	DBS	00032	- 0.24	32.580	26.19		1445.4							
	STO	00050	- 1.53	32.93	26.51	00.091	1440.1							
	DBS	00050	- 1.53	32.930	26.51		1440.1							
	STO	00058	- 1.64	33.010	26.58		1439.8							
	DBS	00075	- 1.49	33.34	26.84	00.125	1441.3							
	STO	00075	- 1.49	33.340	26.84		1441.3							
	DBS	00100	- 1.23	33.49	26.96	00.154	1443.1							
	STO	00100	- 1.23	33.495	26.96		1443.1							
	DBS	00125	01.33	33.87	27.14	00.179	1455.8							
	STO	00125	01.33	33.870	27.14		1455.8							
	DBS	00150	01.43	33.90	27.15	00.203	1456.7							
	STO	00150	01.43	33.900	27.15		1456.7							
	DBS	00182	01.94	34.020	27.21		1459.7							
	STO	00191	00.98	34.170	27.40		1455.7							
	DBS	00200	01.11	34.17	27.40	00.243	1456.5							
	STO	00200	01.11	34.175	27.40		1456.5							
	DBS	00250	01.14	34.20	27.42	00.277	1457.5							
	STO	00250	01.14	34.200	27.42		1457.5							
	DBS	00300	01.97	34.45	27.56	00.308	1462.3							
	STO	00300	01.97	34.450	27.56		1462.3							
	DBS	00400	04.77	34.94	27.67	00.360	1476.6							
	STO	00435	04.97	34.480	27.68		1478.0							
	DBS	00470	04.77	34.960	27.69		1477.8							
	STO	00485	04.94	35.020	27.72		1478.8							
	DBS	00500	04.84	35.01	27.72	00.406	1478.6							
	STO	00500	04.84	35.010	27.72		1478.6							
	DBS	00560	04.58	34.980	27.73		1478.5							
	STO	00600	04.57	34.99	27.74	00.449	1479.1							
	DBS	00600	04.57	34.990	27.74		1479.1							
	STO	00635	04.54	34.995	27.75		1479.6							
	DBS	00650	04.41	34.970	27.74		1479.3							
	STO	00700	04.32	34.97	27.75	00.492	1479.7							
	DBS	00700	04.32	34.975	27.75		1479.7							
	STO	00735	04.23	34.955	27.75		1479.9							
	DBS	00790	04.28	34.960	27.75		1481.0							
	STO	00800	04.24	34.96	27.75	00.536	1481.0							
	DBS	00800	04.24	34.960	27.75		1481.0							
	STO	00860	04.23	34.970	27.76		1482.0							
	DBS	00900	04.13	34.96	27.77	00.579	1482.2							
	STO	00900	04.13	34.965	27.77		1482.2							
	DBS	01000	04.04	34.95	27.76	00.623	1483.5							
	STO	01000	04.04	34.950	27.76		1483.5							
	DBS	01100	04.01	34.95	27.77	00.667	1485.1							
	STO	01100	04.01	34.950	27.77		1485.1							
	DBS	01180	04.03	34.960	27.77		1486.5							
	STO	01200	03.96	34.94	27.76	00.712	1486.5							
	DBS	01200	03.96	34.940	27.76		1486.5							
	STO	01300	03.99	34.96	27.78	00.758	1488.3							
	DBS	01300	03.98	34.960	27.78		1488.3							
	STO	01335	03.98	34.950	27.77		1488.9							
	DBS	01400	03.91	34.95	27.78	00.803	1489.7							
	STO	01400	03.91	34.950	27.78		1489.7							
	DBS	01500	03.87	34.94	27.78	00.850	1491.2							
	STO	01500	03.87	34.945	27.78		1491.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTOP 02248	AIR TEMP 08.9	DIR HGT PER	WIND-DIR 17	INST STD RECORDER	TFN 52 1306
CONSEC 0140	MONTH 06	SHIP EV	WET BULB 09.3	16 3 3	WIND-SPO 16	TRACE DIR 7	5 SQUARE 2
LAT 42 44.0N	DAY 09	DATA USE 1	BAROMETR 1014.6	SEA	WIND-FOR	DURATION 00.6	2 SQUARE 28
LONG 049 30.0W	HOOR 22.3	AREA 05	CLOUD T/A	CL/TR	WEATHER X6	ORIS IIP 111	1 SQUARE 29

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	PJ4	TOT P	NO2	NO3	S133	PH
22.3	STD	00000	01.68	32.44	25.97	00.000	1453.3							
	085	00000	01.68	32.440	25.97		1453.3							
	STD	00010	01.68	32.43	25.96	00.020	1453.5							
	085	00010	01.68	32.435	25.96		1453.5							
	STD	00020	01.32	32.46	26.01	00.041	1452.1							
	085	00020	01.32	32.465	26.01		1452.1							
	STD	00030	- 0.28	32.43	26.07	00.061	1444.9							
	085	00030	- 0.28	32.430	26.07		1444.9							
	STD	00050	- 1.35	33.02	26.59	00.095	1441.1							
	085	00050	- 1.35	33.025	26.59		1441.1							
	085	00056	- 1.56	33.290	26.81		1440.6							
	STD	00075	- 1.36	33.35	26.85	00.128	1441.9							
	085	00075	- 1.36	33.350	26.85		1441.9							
	085	00079	- 1.31	33.350	26.85		1442.2							
	STD	00100	- 1.29	33.38	26.87	00.158	1442.7							
	085	00100	- 1.29	33.380	26.87		1442.7							
	085	00114	- 1.37	33.390	26.88		1442.6							
	STD	00125	- 1.20	33.43	26.91	00.187	1443.6							
	085	00125	- 1.20	33.435	26.91		1443.6							
	STD	00150	- 0.94	33.54	26.99	00.214	1445.4							
	085	00150	- 0.94	33.540	26.99		1445.4							
	STD	00200	- 0.46	33.67	27.08	00.266	1448.6							
	085	00200	- 0.46	33.670	27.08		1448.6							
	STD	00250	00.02	33.83	27.18	00.313	1451.9							
	085	00250	00.02	33.830	27.18		1451.9							
	085	00262	00.30	33.990	27.30		1453.6							
	STD	00300	00.72	34.07	27.34	00.354	1456.2							
	085	00300	00.72	34.070	27.34		1456.2							
	085	00315	01.24	34.080	27.31		1458.8							
	085	00330	00.21	34.120	27.41		1454.5							
	085	00332	00.13	34.220	27.49		1454.3							
	ST	00400	02.37	34.56	27.61	00.417	1465.9							
	085	00400	02.37	34.560	27.61		1465.9							
	085	00480	03.75	34.805	27.68		1473.5							
	STD	00500	03.82	34.81	27.68	00.466	1474.1							
	085	00500	03.82	34.810	27.68		1474.1							
	STD	00600	04.04	34.88	27.71	00.512	1476.8							
	085	00600	04.04	34.880	27.71		1476.8							
	085	00640	04.07	34.900	27.72		1477.6							
	STD	00700	04.08	34.91	27.73	00.557	1478.6							
	085	00700	04.08	34.910	27.73		1478.6							
	STD	00800	04.09	34.92	27.74	00.602	1480.4							
	085	00800	04.09	34.925	27.74		1480.4							
	STD	00900	04.08	34.93	27.74	00.647	1482.0							
	085	00900	04.08	34.930	27.74		1482.0							
	STD	01000	04.08	34.94	27.75	00.692	1483.7							
	085	01000	04.08	34.940	27.75		1483.7							
	STD	01100	04.09	34.94	27.75	00.738	1485.4							
	085	01100	04.09	34.940	27.75		1485.4							
	STD	01200	04.09	34.94	27.75	00.784	1487.1							
	085	01200	04.09	34.945	27.75		1487.1							
	STD	01300	04.04	34.94	27.76	00.831	1488.5							
	085	01300	04.04	34.945	27.76		1488.5							
	STD	01400	03.99	34.94	27.76	00.879	1490.0							
	085	01400	03.99	34.940	27.76		1490.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF ID	31	8296	YEAR	1972	80 TOP	01813	AIR TEMP	10.0	OIR HGT	PER	WIND-OIR	13	INST STO	RECORER	TEN SQ	1306
CONSEC	0141		MONTH	05	SHIP EV		WFT BULB	10.0	16	3	2	WIND-SPD	95	TRACE OIR	5	SQUARE
LAT	42	53.0N	DAY	09	DATA USE	1	BAROMETER	1014.6	SEA			WIND-FJR	DURATION	00.5	2	SQUARE
LONG	049	38.0W	HOUR	00.5	AREA	05	CLOUD T/A		CL/TR			WEATHER	X4	ORIG IIP	111	1
CASNUM/TIME	LVL	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SMO VEL	CHYG	P74	TOT P	N02	N03	S133	PH		
00.5	STO	00000	03.59	32.90	26.18	00.000	1462.3									
	085	00000	03.59	32.905	26.18		1462.3									
	STO	00010	03.59	32.90	26.18	00.018	1462.5									
	085	00010	03.59	32.905	26.18		1462.5									
	STO	00020	00.97	32.82	26.32	00.036	1451.0									
	085	00020	00.97	32.820	26.32		1451.0									
	STO	00030	- 0.48	32.78	26.36	00.053	1444.5									
	085	00030	- 0.48	32.780	26.36		1444.5									
	STO	00050	- 1.03	33.09	26.63	00.084	1442.7									
	085	00050	- 1.03	33.095	26.63		1442.7									
	085	00060	- 1.28	33.180	26.71		1441.8									
	STO	00075	- 1.28	33.29	26.80	00.117	1442.2									
	085	00075	- 1.28	33.290	26.80		1442.2									
	STO	00100	- 1.18	33.35	26.85	00.148	1443.2									
	085	00100	- 1.18	33.355	26.85		1443.2									
	STO	00125	- 0.99	33.44	26.91	00.177	1444.6									
	085	00125	- 0.99	33.440	26.91		1444.6									
	STO	00150	- 0.78	33.52	26.97	00.205	1446.1									
	085	00150	- 0.78	33.520	26.97		1446.1									
	STO	00200	- 0.53	33.58	27.01	00.259	1448.2									
	085	00200	- 0.53	33.580	27.01		1448.2									
	085	00210	- 0.35	33.635	27.04		1449.3									
	STO	00250	- 0.23	33.66	27.06	00.311	1450.5									
	085	00250	- 0.23	33.665	27.06		1450.5									
	085	00270	- 0.31	33.690	27.09		1450.5									
	STO	00300	- 0.08	33.79	27.16	00.358	1452.2									
	085	00300	- 0.08	33.795	27.16		1452.2									
	085	00360	00.72	34.075	27.34		1457.2									
	085	00394	00.85	34.100	27.35		1458.4									
	STO	00400	01.12	34.21	27.42	00.437	1459.9									
	085	00400	01.12	34.210	27.42		1459.9									
	085	00440	03.98	34.680	27.56		1473.6									
	085	00450	03.95	34.680	27.56		1473.6									
	085	00490	05.24	34.920	27.60		1480.0									
	STO	00500	05.09	34.93	27.63	00.498	1479.5									
	085	00500	05.09	34.930	27.63		1479.5									
	085	00540	04.97	34.925	27.64		1479.7									
	085	00580	04.23	34.850	27.66		1477.2									
	085	00592	04.20	34.875	27.69		1477.3									
	STO	00600	04.35	34.90	27.69	00.548	1478.1									
	085	00600	04.35	34.900	27.69		1478.1									
	085	00614	04.44	34.890	27.67		1478.7									
	085	00627	04.42	34.880	27.67		1478.8									
	085	00650	04.11	34.850	27.68		1477.8									
	STO	00700	04.20	34.90	27.71	00.595	1479.1									
	085	00700	04.20	34.900	27.71		1479.1									
	STO	00800	04.13	34.91	27.72	00.642	1480.5									
	085	00800	04.13	34.910	27.72		1480.5									
	085	00845	04.12	34.910	27.72		1481.2									
	085	00853	04.21	34.940	27.74		1481.8									
	STO	00900	04.10	34.91	27.73	00.688	1482.0									
	085	00900	04.10	34.910	27.73		1482.0									
	STO	01000	04.11	34.93	27.74	00.735	1483.8									
	085	01000	04.11	34.930	27.74		1483.8									
	STO	01100	04.12	34.93	27.74	00.782	1485.5									
	085	01100	04.12	34.930	27.74		1485.5									
	STO	01200	04.04	34.92	27.74	00.829	1486.8									
	085	01200	04.04	34.925	27.74		1486.8									
	STO	01300	04.00	34.92	27.74	00.877	1488.3									
	085	01300	04.00	34.920	27.74		1488.3									
	STO	01400	03.95	34.91	27.75	00.926	1489.8									
	085	01400	03.95	34.915	27.75		1489.8									
	STO	01500	03.86	34.91	27.75	00.975	1491.1									
	085	01500	03.86	34.910	27.75		1491.1									

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 A296	YEAR 1972	BOTOP 01660	AIR TEMP 08.3	OIR HGT PER	WIND-DIR 13	INST STD RECORDER	TEN 50 1306
CONSEC 0142	MONTH 06	SHIP EV	WET BULB 08.3	18 1 2	WIND-SPD 13	TRACE DIR	5 SQUARE 2
LAT 42 49.0N	DAY 09	00TA USE 1	BAROMETR 1013.9	SEA	WIND-FJR	DURATION 00.7	2 SQUARE 28
LONG 049 26.0W	HOOR 02.9	AREA 05	CLNU) T/A	CL/TR	WEATHER 1	ORIG TIP 111	1 SQUARE 29

CASINUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPH	SNO VEL	OKYG	P34	TOT P	NO2	NO3	S123	PH
02.8	STD	00000	01.66	32.57	26.08	00.000	1453.4							
	URS	00000	01.66	32.575	26.08		1453.4							
	URS	00008	01.66	32.630	26.12		1453.6							
	STD	00010	01.73	32.70	26.17	00.019	1454.1							
	URS	00010	01.73	32.700	26.17		1454.1							
	STD	00020	00.22	32.72	26.28	00.037	1447.5							
	URS	00020	00.22	32.720	26.28		1447.5							
	STD	00030	- 1.12	33.04	26.59	00.053	1441.9							
	URS	00030	- 1.12	33.040	26.59		1441.9							
	URS	00035	- 1.29	33.130	26.67		1441.3							
	URS	00040	- 1.08	33.250	26.76		1442.5							
	STD	00050	- 1.18	33.22	26.74	00.081	1442.2							
	URS	00050	- 1.18	33.225	26.74		1442.2							
	URS	00060	- 1.29	33.245	26.76		1441.8							
	STD	00075	- 1.26	33.32	26.83	00.112	1442.3							
	URS	00075	- 1.26	33.325	26.83		1442.3							
	STD	00100	- 1.24	33.38	26.87	00.142	1442.9							
	URS	00100	- 1.24	33.385	26.87		1442.9							
	STD	00125	- 0.88	33.49	26.95	00.171	1445.2							
	URS	00125	- 0.88	33.490	26.95		1445.2							
	STD	00150	- 0.68	33.56	27.00	00.198	1446.6							
	URS	00150	- 0.68	33.560	27.00		1446.6							
	STD	00200	- 0.25	33.73	27.11	00.249	1449.7							
	URS	00200	- 0.25	33.730	27.11		1449.7							
	STD	00250	00.08	33.86	27.20	00.294	1452.2							
	URS	00250	00.08	33.860	27.20		1452.2							
	STD	00300	00.50	34.02	27.31	00.335	1455.2							
	URS	00300	00.50	34.025	27.31		1455.2							
	STD	00400	02.72	34.57	27.59	00.400	1467.4							
	URS	00400	02.72	34.575	27.59		1467.4							
	STD	00500	03.74	34.79	27.67	00.451	1473.7							
	URS	00500	03.74	34.795	27.67		1473.7							
	URS	00550	03.97	34.850	27.69		1475.6							
	STD	00600	04.09	34.88	27.70	00.497	1477.0							
	URS	00600	04.09	34.880	27.70		1477.0							
	STD	00700	04.11	34.90	27.72	00.543	1478.7							
	URS	00700	04.11	34.905	27.72		1478.7							
	STD	00800	04.13	34.91	27.73	00.589	1480.5							
	URS	00800	04.13	34.915	27.73		1480.5							
	STD	00900	04.10	34.92	27.73	00.635	1482.1							
	URS	00900	04.10	34.920	27.73		1482.1							
	STD	01000	04.08	34.93	27.74	00.681	1483.6							
	URS	01000	04.08	34.930	27.74		1483.6							
	STD	01100	04.07	34.93	27.74	00.727	1485.3							
	URS	01100	04.07	34.930	27.74		1485.3							
	URS	01200	04.03	34.93	27.75	00.774	1486.8							
	URS	01200	04.03	34.935	27.75		1486.8							
	STD	01300	03.99	34.93	27.76	00.821	1488.3							
	URS	01300	03.99	34.935	27.76		1488.3							
	STD	01400	03.85	34.93	27.77	00.868	1489.4							
	URS	01400	03.85	34.930	27.77		1489.4							
	STD	01500	03.77	34.93	27.78	00.915	1490.7							
	URS	01500	03.77	34.930	27.78		1490.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NOBC Listing No. 31-8296.—Continued

REF ID	31	8296	YEAR	1972	BO TOP	02562	AIR TEMP	10.0	DIR HGT	PER	WIND-DIR	17	INST STD RECORDER	TFN 52	1306		
CONSEC		0143	MONTH	06	SHIP EV		WET BULB	10.0	18	1	2	WIND-SPD	15	TRACE DIR	7	5 SQUARE	2
LAT	42	29.0N	DAY	10	DATA USE	1	BAROMETER	1024.7	SEA			WIND-FOR		DURATION	00.4	2 SQUARE	28
LONG	049	47.5W	HOJR	18.6	AREA	05	CLOUD T/4		CL/TR			WEATHER	K6	ORIG TIP	111	1 SQUARE	29

CASNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	OXYG	P34	TOT P	V02	V03	S103	P4
18.6	STO	00000	03.22	32.61	25.98	00.000	1460.3							
	085	00000	03.22	32.610	25.98		1460.3							
	STO	00010	02.69	32.62	26.04	00.020	1458.2							
	085	00010	02.69	32.620	26.04		1458.2							
	STO	00020	02.46	32.71	26.13	00.039	1457.5							
	085	00020	02.46	32.710	26.13		1457.5							
	STO	00030	01.97	32.69	26.15	00.058	1455.5							
	085	00030	01.97	32.690	26.15		1455.5							
	STO	00050	01.43	32.83	26.30	00.094	1453.6							
	085	00050	01.43	32.830	26.30		1453.6							
	STO	00075	- 1.18	32.95	26.52	00.135	1442.2							
	085	00075	- 1.18	32.955	26.52		1442.2							
	STO	00100	- 1.50	33.22	26.75	00.170	1441.5							
	085	00111	- 1.64	33.310	26.82		1441.1							
	STO	00125	- 1.40	33.39	26.88	00.201	1442.6							
	085	00125	- 1.40	33.390	26.88		1442.6							
	085	00134	- 1.44	33.380	26.88		1442.6							
	STO	00150	- 1.20	33.43	26.91	00.230	1444.0							
	085	00150	- 1.20	33.430	26.91		1444.0							
	085	00159	- 1.13	33.420	26.90		1444.5							
	085	00173	- 1.15	33.475	26.94		1444.7							
	085	00193	- 1.04	33.535	26.99		1445.6							
	STO	00200	- 0.91	33.60	27.04	00.284	1446.4							
	085	00200	- 0.91	33.600	27.04		1446.4							
	STO	00250	00.71	33.95	27.25	00.331	1455.2							
	085	00250	00.71	33.955	27.25		1455.2							
	085	00278	01.47	34.070	27.29		1459.2							
	STO	00300	00.57	34.05	27.33	00.370	1455.5							
	085	00300	00.57	34.055	27.33		1455.5							
	STO	00400	01.93	34.39	27.51	00.438	1463.7							
	085	00400	01.93	34.390	27.51		1463.7							
	STO	00500	03.22	34.68	27.63	00.493	1471.4							
	085	00500	03.22	34.680	27.63		1471.4							
	STO	00600	04.40	34.97	27.74	00.540	1478.4							
	085	00600	04.40	34.970	27.74		1478.4							
	STO	00700	04.57	34.97	27.72	00.584	1480.7							
	085	00700	04.57	34.970	27.72		1480.7							
	085	00725	04.44	34.970	27.74		1480.6							
	085	00753	04.44	34.970	27.74		1481.1							
	STO	00800	04.31	34.95	27.74	00.630	1481.3							
	085	00800	04.31	34.955	27.74		1481.3							
	085	00835	04.22	34.950	27.74		1481.5							
	085	00888	04.28	34.960	27.75		1482.7							
	STO	00900	04.25	34.96	27.75	00.675	1482.7							
	085	00900	04.25	34.960	27.75		1482.7							
	STO	01000	04.20	34.96	27.75	00.720	1484.2							
	085	01000	04.20	34.960	27.75		1484.2							
	STO	01100	04.10	34.95	27.76	00.765	1485.4							
	085	01100	04.10	34.950	27.76		1485.4							
	STO	01200	04.03	34.94	27.76	00.811	1486.8							
	085	01200	04.03	34.945	27.76		1486.8							
	STO	01300	03.95	34.94	27.77	00.858	1488.1							
	085	01300	03.95	34.940	27.77		1488.1							
	085	01319	03.96	34.985	27.80		1488.6							
	085	01330	04.08	34.970	27.78		1489.2							
	085	01360	04.11	34.975	27.78		1489.9							
	STO	01400	04.09	34.97	27.77	00.904	1490.4							
	085	01400	04.09	34.970	27.77		1490.4							
	STO	01500	04.01	34.96	27.78	00.951	1491.8							
	085	01500	04.01	34.965	27.78		1491.8							
085	01509	04.00	34.965	27.78			1491.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTOP 03322	AIR TEMP 11.1	OIR HGT PER	WIND-DIP 13	INST STD RECORDER	TEN SQ 1307
CINSEC 0144	MONTH 06	SHIP EV	WET 3ULR 10.0	1R 2 2	WIND-SPO 12	TRACE OIR	5 SQUARE 1
LAT 42 48.5N	DAY 10	DATA USE 1	BAROMETR 1025.0	SFA	WIND-FJR	DURATION 00.2	2 SQUARE 20
LONG 050 00.5W	MOOR 21.5	AREA 05	CLUUD T/A	CL/TR	WEATHER X4	DRIS 11R 111	1 SQUARE 20

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SNO VEL	OXYG	P74	TOT P	NO2	NO3	S133	P4
21.5	STN	00000	11.31	33.05	25.23	00.000	1492.6							
	DBS	00000	11.31	33.055	25.23		1492.6							
	STN	00010	09.37	32.61	25.21	00.028	1485.2							
	STN	00020	05.97	32.59	25.68	00.053	1472.1							
	DBS	00020	05.97	32.590	25.68		1472.1							
	STN	00030	01.10	32.99	26.45	00.073	1457.0							
	DBS	00030	01.10	32.990	26.45		1457.0							
	DBS	00035	01.57	33.090	26.50		1454.3							
	STN	00050	- 0.71	33.13	26.65	00.103	1444.2							
	DBS	00050	- 0.71	33.130	26.65		1444.2							
	STN	00075	- 1.10	33.24	26.75	00.136	1441.0							
	DBS	00075	- 1.10	33.240	26.75		1441.0							
	DBS	00095	- 1.19	33.365	26.86		1443.1							
	STN	00100	- 1.24	33.34	25.84	00.168	1442.9							
	DBS	00100	- 1.24	33.340	25.84		1442.9							
	DBS	00120	- 0.78	33.570	27.01		1445.7							
	STN	00125	00.63	33.71	27.05	00.195	1452.4							
	STN	00150	05.97	34.29	27.02 *	00.222	1476.5							
	DBS	00150	05.97	34.290	27.02		1476.5							
	STN	00200	08.04	34.78	27.12	00.273	1486.1							
	DBS	00200	08.04	34.780	27.12		1486.1							
	DBS	00205	07.77	34.770	27.15		1485.2							
	DBS	00223	09.14	35.020	27.13		1490.9							
	DBS	00243	08.96	35.220	27.16		1493.6							
	STN	00250	08.95	35.02	27.16	00.327	1490.6							
	DBS	00250	08.95	35.020	27.16		1490.6							
	STN	00300	04.27	34.32	27.24	00.368	1472.0							
	DBS	00300	04.27	34.320	27.24		1472.0							
	DBS	00308	04.16	34.320	27.25		1471.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOATID 01563	AIR TEMP 10.6	DIR HGT PFR	WIND-DIR 13	INST STD RECORDER	TEN SQ 1306
CONSEC 0145	MONTH 06	SHIP EV	WET BULR 13.0	19 0 2	WIND-SPD 12	TRACE DIR 7	5 SQUARE 2
LAT 42 47.0N	DAY 10	DATA USE 1	HAPDMETR 125.7	SEA	WIND-FIR	DURATION 03.2	2 SQUARE 28
LONG 049 49.0W	HOURL 23.5	AREA 05	CLOUD TRA	CL/TA	WEATHER X1	ORIG IIP 111	1 SQUARE 29

CSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDEPTH	SND VEL	CRYG	P34	TUT P	NO2	NO3	S133	P4
	STD	00000	04.84	32.83	26.00	00.000	1467.5							
23.5	IRS	00000	04.84	32.830	26.00		1467.5							
	STD	00010	02.97	32.58	25.99	00.020	1459.4							
	IRS	00010	02.97	32.585	25.99		1459.4							
	STD	00020	01.63	32.89	26.33	00.039	1456.1							
	IRS	00020	01.63	32.890	26.33		1456.1							
	STD	00030	00.07	32.89	26.42	00.055	1447.2							
	IRS	00030	00.07	32.890	26.42		1447.2							
	STD	00050	- 0.66	33.06	26.60	00.086	1444.4							
	IRS	00050	- 0.66	33.065	26.60		1444.4							
	STD	00075	- 1.35	33.20	26.73	00.121	1441.8							
	IRS	00075	- 1.35	33.205	26.73		1441.8							
	IRS	00086	- 1.51	33.250	26.77		1441.2							
	STD	00100	- 1.37	33.38	26.87	00.152	1442.3							
	IRS	00100	- 1.37	33.380	26.87		1442.3							
	STD	00125	- 1.30	33.40	26.89	00.181	1443.1							
	IRS	00125	- 1.30	33.400	26.89		1443.1							
	STD	00150	- 1.15	33.44	26.92	00.210	1444.3							
	IRS	00150	- 1.15	33.440	26.92		1444.3							
	IRS	00175	- 0.83	33.555	27.00		1446.3							
	STD	00200	- 0.66	33.63	27.06	00.264	1447.7							
	IRS	00200	- 0.66	33.635	27.06		1447.7							
	IRS	00230	- 0.35	33.715	27.11		1440.7							
	STD	00250	01.54	33.86	27.12	00.313	1458.8							
	IRS	00270	03.61	34.190	27.20		1468.6							
	IRS	00281	04.92	34.450	27.28		1474.2							
	STD	00300	05.68	34.59	27.29	00.358	1478.2							
	IRS	00300	05.68	34.590	27.29		1478.2							
	IRS	00320	06.90	34.840	27.33		1481.7							
	IRS	00340	06.79	34.880	27.37		1483.7							
	STD	00400	04.97	34.79	27.53	00.430	1477.2							
	IRS	00400	04.97	34.790	27.53		1477.2							
	IRS	00435	04.89	34.900	27.63		1477.6							
	IRS	00480	04.14	34.840	27.67		1475.1							
	STD	00500	04.28	34.88	27.68	00.484	1476.1							
	IRS	00500	04.28	34.875	27.68		1476.1							
	STD	00600	04.09	34.91	27.73	00.530	1477.0							
	IRS	00600	04.09	34.910	27.73		1477.0							
	STD	00700	04.12	34.93	27.74	00.573	1478.9							
	IRS	00700	04.12	34.930	27.74		1478.9							
	STD	00800	04.11	34.94	27.75	00.617	1480.5							
	IRS	00800	04.11	34.940	27.75		1480.5							
	STD	00900	04.10	34.94	27.75	00.661	1482.1							
	IRS	00900	04.10	34.945	27.75		1482.1							
	STD	01000	04.06	34.95	27.76	00.705	1483.6							
	IRS	01000	04.06	34.950	27.76		1483.6							
	STD	01100	04.02	34.94	27.76	00.750	1485.1							
	IRS	01100	04.02	34.945	27.76		1485.1							
	STD	01200	03.99	34.94	27.76	00.795	1486.6							
	IRS	01200	03.99	34.945	27.76		1486.6							
	STD	01300	03.94	34.94	27.77	00.841	1488.1							
	IRS	01300	03.94	34.940	27.77		1488.1							
	STD	01400	03.97	34.93	27.77	00.888	1489.6							
	IRS	01400	03.97	34.935	27.77		1489.6							
	IRS	01495	03.89	34.940	27.77		1491.2							

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TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID	31	8296	YEAR	1972	8010P	02370	AIR TEMP	08.3	DIR	HGT	PER	WIND-DIR	23	INST	SID	RECORDER	TEN	53	1307	
CONSEC		0146	MONTH	06	SHIP	EV	WET	BULB	08.3	19	0	2	WIND-SPD	12	TRACE	DIR	0	5	SQUARE	1
LAT	42	37.5N	DAY	11	DATA	USF	1	BAROMETER	1025.4	SEA		WIND-FLR		DIPATTON		07.3	2	SQUARE	20	
LONG	050	12.0W	HOJR	03.9	AREA	05		CL(NU)	T/A	CL/TR		WEATHER	X4	ORIG	FLR	ILL		1	SQUARE	20
CASTNUM/TIME	LVL	TP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO	VEL	CRYG	P74	TOT	P	NO2	NO3	SI33	PH			
03.9	STD		00000	04.22	32.86	26.09	00.000	1464.9												
	ORS		00000	04.22	32.860	26.09		1464.9												
	STD		00010	01.72	32.69	26.17	00.019	1454.0												
	ORS		00010	01.72	32.690	26.17		1454.0												
	STD		00020	- 0.28	32.95	26.49	00.036	1445.5												
	ORS		00020	- 0.28	32.955	26.49		1445.5												
	STD		00030	- 0.80	32.99	26.54	00.051	1443.3												
	ORS		00030	- 0.80	32.990	26.54		1443.3												
	STD		00050	- 1.15	33.25	26.76	00.079	1442.3												
	ORS		00050	- 1.15	33.250	26.76		1442.3												
	STD		00075	- 1.23	33.32	26.82	00.111	1442.5												
	ORS		00075	- 1.23	33.325	26.82		1442.5												
	STD		00100	- 1.12	33.41	26.89	00.141	1443.5												
	ORS		00100	- 1.12	33.408	26.89		1443.5												
	STD		00125	- 0.95	33.49	26.95	00.169	1444.9												
	ORS		00125	- 0.95	33.490	26.95		1444.9												
	STD		00150	- 0.78	33.54	26.99	00.196	1446.1												
	ORS		00150	- 0.78	33.545	26.99		1446.1												
	STD		00200	- 0.68	33.59	27.02	00.249	1447.5												
	ORS		00200	- 0.68	33.588	27.02		1447.5												
STD		00250	- 0.28	33.70	27.09	00.300	1450.3													
ORS		00250	- 0.28	33.699	27.09		1450.3													
STD		00300	00.11	33.84	27.19	00.346	1453.1													
ORS		00300	00.11	33.845	27.19		1453.1													
ORS		00350	00.57	34.060	27.34		1456.4													
ORS		00370	00.61	34.120	27.38		1457.0													
STD		00400	01.27	34.29	27.48	00.421	1460.7													
ORS		00400	01.27	34.290	27.48		1460.7													
ORS		00440	02.54	34.640	27.66		1467.4													
STD		00500	03.57	34.75	27.65	00.477	1472.9													
ORS		00500	03.57	34.750	27.65		1472.9													
ORS		00524	03.84	34.820	27.68		1474.6													
STD		00600	04.00	34.88	27.72	00.524	1476.6													
ORS		00500	04.00	34.885	27.72		1476.6													
STD		00700	04.08	34.92	27.74	00.569	1478.6													
ORS		00700	04.08	34.920	27.74		1478.6													
STD		00800	04.07	34.93	27.75	00.612	1480.3													
ORS		00800	04.07	34.935	27.75		1480.3													
STD		00900	04.05	34.94	27.75	00.656	1481.9													
ORS		00900	04.05	34.940	27.75		1481.9													
STD		01000	04.04	34.94	27.76	00.700	1483.5													
ORS		01000	04.04	34.945	27.76		1483.5													
STD		01100	04.05	34.94	27.76	00.745	1485.2													
ORS		01100	04.05	34.945	27.76		1485.2													
STD		01200	04.05	34.95	27.76	00.790	1486.9													
ORS		01200	04.05	34.950	27.76		1486.9													
STD		01300	04.03	34.95	27.76	00.837	1488.5													
ORS		01300	04.03	34.950	27.76		1488.5													
STD		01400	03.97	34.94	27.77	00.884	1489.9													
ORS		01400	03.97	34.945	27.77		1489.9													
STD		01500	03.91	34.94	27.77	00.931	1491.3													
ORS		01500	03.91	34.945	27.77		1491.3													

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NOIOC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	80TOP 02189	AIR TEMP 11.7	01P HGT PER	WIND-DIR 13	INST STD RECORDER	TEN S2 1306
CONSEC 0147	MONTH 06	SHIP FV	WFT BULB 11.7	14 4 2	WIND-SPO 32	TRACE DIR 0	5 SQUARE 2
LAT 42 44.0N	DAY 12	DATA USE 1	BARNHETER 1020.3	SEA	WIND-FTR	DURATION 00.4	2 SQUARE 28
LONG 049 29.5W	HOOR 13.1	AREA 05	CLOUD T/4	CL/TR	WEATHER x%	ORIG IIP 111	1 SQUARE 29

CASNUM/TIME	LYTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIC3	PH
13.1	STO	00007	05.39	32.79	25.90	00.009	1469.7							
	ORS	00000	05.39	32.790	25.90		1469.7							
	STO	00010	03.89	32.58	25.90	00.021	1463.3							
	STO	00020	02.67	32.55	25.98	00.042	1458.2							
	ORS	00020	02.67	32.550	25.98		1458.2							
	STO	00030	01.72	32.69	26.17	00.061	1454.4							
	ORS	00030	01.72	32.690	26.17		1454.4							
	ORS	00041	01.15	32.885	26.36		1452.3							
	STO	00050	00.07	32.79	26.34	00.097	1447.4							
	ORS	00050	00.07	32.790	26.34		1447.4							
	ORS	00054	- 0.55	33.090	26.61		1445.0							
	ORS	00060	- 0.07	33.230	26.70		1447.5							
	STO	00075	- 1.30	33.47	26.94	00.132	1442.4							
	ORS	00075	- 1.30	33.470	26.94		1442.4							
	STO	00100	00.47	33.72	27.07	00.158	1451.3							
	ORS	00100	00.47	33.720	27.07		1451.3							
	ORS	00103	00.59	33.690	27.04		1451.9							
	ORS	00105	00.49	33.710	27.06		1451.5							
	ORS	00115	01.02	33.760	27.07		1454.1							
	STO	00125	00.85	33.90	27.19	00.182	1453.7							
	ORS	00125	00.85	33.900	27.19		1453.7							
	ORS	00140	00.03	33.890	27.23		1450.2							
	STO	00150	00.57	33.94	27.24	00.203	1452.9							
	ORS	00150	00.57	33.940	27.24		1452.9							
	ORS	00165	00.78	33.990	27.27		1454.2							
	ORS	00177	00.51	34.040	27.33		1453.2							
	STO	00200	01.62	34.32	27.48	00.240	1458.9							
	ORS	00200	01.62	34.320	27.48		1458.9							
	ORS	00222	01.64	34.325	27.48		1459.4							
	STO	00250	02.06	34.42	27.52	00.270	1461.8							
	ORS	00250	02.06	34.420	27.52		1461.8							
	ORS	00270	02.15	34.440	27.53		1462.6							
	STO	00300	02.81	34.59	27.60	00.297	1466.2							
	ORS	00300	02.81	34.590	27.60		1466.2							
	ORS	00343	03.57	34.760	27.66		1470.4							
	STO	00400	03.77	34.82	27.69	00.346	1472.2							
	ORS	00400	03.77	34.820	27.69		1472.2							
	STO	00500	03.97	34.89	27.72	00.397	1474.8							
	ORS	00500	03.97	34.890	27.72		1474.8							
	STO	00600	04.05	34.92	27.74	00.433	1476.9							
	ORS	00600	04.05	34.920	27.74		1476.9							
	STO	00700	04.04	34.93	27.75	00.476	1478.5							
	ORS	00700	04.04	34.930	27.75		1478.5							
	STO	00800	04.04	34.93	27.75	00.519	1480.1							
	ORS	00800	04.04	34.930	27.75		1480.1							
	STO	00900	04.04	34.93	27.75	00.563	1481.8							
	ORS	00900	04.04	34.930	27.75		1481.8							
	STO	01000	04.04	34.93	27.75	00.608	1483.5							
	ORS	01000	04.04	34.930	27.75		1483.5							
	STO	01100	04.03	34.93	27.75	00.654	1485.1							
	ORS	01100	04.03	34.935	27.75		1485.1							
	ORS	01186	04.03	34.945	27.76		1486.6							
	STO	01200	04.08	34.95	27.76	00.700	1487.0							
	ORS	01200	04.08	34.955	27.76		1487.0							
	STO	01300	04.01	34.95	27.77	00.746	1488.4							
	ORS	01300	04.01	34.950	27.77		1488.4							
	STO	01400	03.94	34.95	27.77	00.792	1489.8							
	ORS	01400	03.94	34.950	27.77		1489.8							
	ORS	01440	03.94	34.950	27.77		1490.5							
	STO	01500	03.83	34.94	27.78	00.839	1491.0							
	ORS	01500	03.83	34.940	27.78		1491.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NOBC Listing No. 31-8296.—Continued

PFFID 31 8296	YEAR 1972	BOATP 02239	AIR TEMP 10.0	OIR HGT PER	WIND-OIR 13	INST STO RECORDER	TEN SQ 1306
CONSEC 0148	MONTH 06	SHIP EV	WET BULB 10.0	19 5 4	WIND-SPO 23	TRACE DIA 7	5 SQUARE 7
LAT 42 44.0N	DAY 12	DATA USE 1	BAROMETR 1020.0	SEA	WIND-FJR	DURATION 00.6	2 SQUARE 28
LONG 049 49.0W	HOHR 16.4	AREA 05	CLOUD T/4	CL/TR	WEATHER X	ORIG IIP III	1 SQUARE 29

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	XXRG	PJ4	TOT P	402	403	S133	P4
16.4	STO	00000	04.21	32.85	26.08	00.000	1464.9							
	08S	00000	04.21	32.855	26.08		1464.9							
	STO	00010	03.47	32.80	26.12	00.019	1461.8							
	08S	00010	03.47	32.805	26.12		1461.8							
	08S	00017	00.50	32.770	26.31		1448.8							
	STO	00020	00.61	32.83	26.35	00.037	1449.4							
	08S	00020	00.61	32.830	26.35		1449.4							
	STO	00030	- 1.12	32.99	26.55	00.053	1441.8							
	08S	00030	- 1.12	32.990	26.55		1441.8							
	08S	00040	- 0.94	33.140	26.67		1443.0							
	STO	00050	- 1.18	33.21	26.73	00.081	1442.2							
	08S	00050	- 1.18	33.210	26.73		1442.2							
	08S	00056	- 1.24	33.245	26.76		1442.0							
	08S	00060	- 1.18	33.280	26.79		1442.4							
	STO	00075	- 1.18	33.30	26.81	00.113	1442.7							
	08S	00075	- 1.18	33.305	26.81		1442.7							
	STO	00100	- 1.19	33.35	26.84	00.144	1443.1							
	08S	00100	- 1.19	33.350	26.84		1443.1							
	08S	00119	- 1.09	33.420	26.90		1444.0							
	STO	00125	- 1.09	33.42	26.90	00.174	1444.1							
	08S	00125	- 1.09	33.420	26.90		1444.1							
	STO	00150	- 0.90	33.49	26.95	00.202	1445.5							
	08S	00150	- 0.90	33.490	26.95		1445.5							
	STO	00200	- 0.55	33.59	27.01	00.256	1448.1							
	08S	00200	- 0.55	33.590	27.01		1448.1							
	STO	00250	- 0.28	33.69	27.08	00.306	1450.3							
	08S	00250	- 0.28	33.690	27.08		1450.3							
	08S	00262	- 0.29	33.715	27.10		1450.5							
	STO	00300	- 0.07	33.81	27.17	00.353	1452.3							
	08S	00300	- 0.07	33.810	27.17		1452.3							
	STO	00400	02.47	34.27	27.37	00.435	1465.9							
	08S	00400	02.47	34.270	27.37		1465.9							
	08S	00427	03.64	34.490	27.44		1471.7							
	08S	00440	02.98	34.490	27.50		1469.1							
	08S	00459	04.41	34.690	27.52		1475.7							
	08S	00468	03.39	34.695	27.63		1471.6							
	08S	00475	03.55	34.755	27.66		1472.5							
	STO	00500	03.42	34.73	27.66	00.496	1472.3							
	08S	00500	03.42	34.735	27.66		1472.3							
	08S	00530	03.78	34.810	27.68		1474.4							
	08S	00562	03.78	34.825	27.69		1475.0							
	STO	00600	04.07	34.89	27.71	00.543	1476.9							
	08S	00600	04.07	34.890	27.71		1476.9							
	STO	00700	04.29	34.94	27.73	00.588	1479.6							
	08S	00700	04.29	34.945	27.73		1479.6							
	08S	00750	04.31	34.955	27.74		1480.5							
	STO	00800	04.11	34.93	27.74	00.632	1480.4							
	08S	00800	04.11	34.930	27.74		1480.4							
	08S	00830	04.07	34.925	27.74		1480.8							
	STO	00900	04.05	34.93	27.75	00.677	1481.9							
	08S	00900	04.05	34.930	27.75		1481.9							
	08S	00980	04.14	34.950	27.75		1483.6							
	STO	01000	04.17	34.95	27.75	00.722	1484.1							
	08S	01000	04.17	34.955	27.75		1484.1							
	STO	01100	04.05	34.93	27.75	00.768	1485.2							
	08S	01100	04.05	34.935	27.75		1485.2							
	STO	01200	04.09	34.95	27.76	00.814	1487.1							
	08S	01200	04.09	34.950	27.76		1487.1							
	STO	01300	04.12	34.96	27.76	00.861	1488.9							
	08S	01300	04.12	34.960	27.76		1488.9							
	STO	01400	04.17	34.97	27.77	00.909	1490.8							
	08S	01400	04.17	34.970	27.77		1490.8							
	STO	01500	04.11	34.97	27.77	00.957	1492.2							
	08S	01500	04.11	34.970	27.77		1492.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BO TOP 02966	AIR TEMP 08.3	OIR HGT PER	WIND-OIR 35	INST STO RECORDER	TEN SD 1306
CONSEC 0149	MONTH 06	SHIP EV	WET RULR 07.8	17 3 2	WIND-SPD 10	TRACF OIR 0	5 SQUARE 2
LAT 42 21.0N	DAY 12	DATA USE 1	BAROMETR 1023.7	SFA	WIND-FOR	OPERATION 03.4	2 SQUARE 28
LONG 049 37.5W	HOOR 23.4	AREA 05	CLOUD T/A	CL/TR	WEATHER X	DRIG IIP 111	1 SQUARE 29

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	OXYG	P14	TOT P	V02	V03	S103	P4
23.4	STO	00000	05.14	32.56	25.75	00.000	1468.3							
	OBS	00000	05.14	32.565	25.75		1468.3							
	STO	00010	02.27	32.63	26.08	00.021	1456.4							
	OBS	00010	02.27	32.630	26.08		1456.4							
	OBS	00018	01.74	32.750	26.21		1454.3							
	STO	00020	01.67	32.78	26.24	00.040	1454.1							
	OBS	00020	01.67	32.780	26.24		1454.1							
	OBS	00025	01.52	32.785	26.26		1453.5							
	STO	00030	01.67	32.97	26.40	00.057	1454.5							
	OBS	00040	01.97	33.300	26.64		1456.5							
	STO	00050	03.81	33.55	26.68	00.087	1464.9							
	OBS	00050	03.81	33.555	26.68		1464.9							
	OBS	00052	03.64	33.605	26.74		1464.3							
	OBS	00070	02.79	33.590	26.80		1460.9							
	STO	00075	02.59	33.61	26.83	00.119	1460.2							
	OBS	00090	01.74	33.670	26.95		1456.8							
	OBS	00095	01.38	33.725	27.02		1455.3							
	STO	00100	01.64	33.86	27.11	00.147	1456.8							
	OBS	00100	01.64	33.860	27.11		1456.8							
	STO	00125	00.41	33.90	27.22	00.170	1451.7							
	OBS	00125	00.41	33.900	27.22		1451.7							
	OBS	00140	04.94	34.475	27.29		1472.4							
	STO	00150	04.82	34.49	27.31	00.190	1472.1							
	OBS	00150	04.82	34.490	27.31		1472.1							
	OBS	00170	05.41	34.570	27.31		1474.9							
	STO	00200	05.97	34.67	27.32	00.230	1477.8							
	OBS	00200	05.97	34.670	27.32		1477.8							
	OBS	00210	05.92	34.675	27.33		1477.8							
	OBS	00222	05.62	34.620	27.32		1476.7							
	OBS	00240	05.30	34.650	27.38		1475.7							
	OBS	00247	05.30	34.685	27.41		1475.9							
	STO	00250	05.48	34.70	27.40	00.268	1476.7							
	OBS	00278	05.75	34.780	27.43		1478.3							
	OBS	00280	05.67	34.780	27.44		1478.1							
	STO	00300	05.72	34.90	27.53	00.301	1478.8							
	OBS	00300	05.72	34.900	27.53		1478.8							
	OBS	00302	05.80	34.910	27.53		1479.1							
	OBS	00310	05.72	34.900	27.53		1478.9							
	OBS	00330	05.47	34.850	27.52		1478.2							
	OBS	00370	05.62	34.915	27.55		1479.5							
	OBS	00380	05.42	34.945	27.60		1478.9							
	STO	00400	05.41	34.95	27.61	00.358	1479.2							
	OBS	00400	05.41	34.955	27.61		1479.2							
	STO	00500	05.27	35.02	27.68	00.409	1480.4							
	OBS	00500	05.27	35.025	27.68		1480.4							
	OBS	00550	04.49	34.930	27.70		1477.9							
	STO	00600	04.89	35.00	27.71	00.456	1480.5							
	OBS	00600	04.89	35.000	27.71		1480.5							
	OBS	00610	04.94	35.045	27.74		1480.9							
	STO	00700	04.47	35.00	27.76	00.501	1480.4							
	OBS	00700	04.47	35.000	27.76		1480.4							
	STO	00800	04.10	34.95	27.76	00.544	1480.4							
	OBS	00800	04.10	34.950	27.76		1480.4							
	STO	00900	04.05	34.94	27.76	00.587	1481.9							
	OBS	00900	04.05	34.945	27.76		1481.9							
	STO	01000	04.07	34.96	27.77	00.630	1483.6							
	OBS	01000	04.07	34.960	27.77		1483.6							
	STO	01100	04.09	34.97	27.77	00.674	1485.4							
	OBS	01100	04.09	34.970	27.77		1485.4							
	STO	01200	04.01	34.96	27.78	00.719	1486.7							
	OBS	01200	04.01	34.965	27.78		1486.7							
	STO	01300	03.84	34.94	27.78	00.763	1487.7							
	OBS	01300	03.84	34.940	27.78		1487.7							
	STO	01400	03.87	34.95	27.78	00.809	1489.5							
	OBS	01490	03.89	34.960	27.79		1491.1							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31 8296	YEAR	1972	BOTOP	01345	AIR TEMP	09.4	OIR HG1	PER	#140-OIR	01	INST STD RECORDER	TEN SQ 1306
CJNSEC	0150	MONTH	06	SHIP EV		WET BULB	03.9	36	2	#140-SPO	17	TRACE OIR	5 SQUARE 2
LAT	42 53.0N	DAY	13	DATA USE	1	BAROMETR	1024.7	SFA		#140-FDR		DURATION	00.4 2 SQUARE 28
LONG	049 42.0W	HOUR	04.3	AREA	05	CLOUD T/A		CL/TR		WEATHER	X5	ORIG IIP	111 1 SQUARE 29

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	P14	TOT P	V02	V03	S103	P4
04.3	STO	00000	08.87	33.30	25.60	00.000	1483.6							
	DBS	00007	08.87	33.005	25.60		1483.6							
	STO	00013	07.74	33.09	25.83	00.023	1479.6							
	DBS	00017	07.74	33.090	25.83		1479.6							
	STO	00027	06.04	33.11	26.08	00.043	1473.1							
	DBS	00020	06.04	33.115	26.08		1473.1							
	STO	00030	03.37	33.16	26.41	00.061	1462.0							
	DBS	00033	03.37	33.160	26.41		1462.0							
	STO	00050	02.02	33.19	26.55	00.093	1456.7							
	DBS	00050	02.02	33.195	26.55		1456.7							
	DBS	00068	00.48	33.150	26.61		1450.0							
	DBS	00072	00.62	33.235	26.67		1450.9							
	STO	00075	00.58	33.24	26.68	00.123	1450.7							
	STO	00100	00.27	33.31	26.75	00.162	1449.8							
	DBS	00103	00.27	33.310	26.75		1449.8							
	DBS	00115	- 0.62	33.370	26.84		1446.1							
	STO	00125	- 0.33	33.43	26.88	00.193	1447.7							
	DBS	00125	- 0.33	33.430	26.88		1447.7							
	DBS	00129	- 0.57	33.450	26.90		1447.0							
	STO	00150	01.54	33.68	26.98	00.221	1456.9							
	DBS	00150	01.54	33.685	26.98		1456.9							
	DBS	00190	03.97	34.110	27.10		1468.7							
	STO	00200	03.36	34.02	27.09	00.273	1466.1							
	DBS	00200	03.36	34.020	27.09		1466.1							
	DBS	00231	03.62	34.150	27.17		1467.9							
	STO	00250	04.52	34.38	27.26	00.320	1472.3							
	DBS	00250	04.52	34.375	27.26		1472.3							
	DBS	00260	05.00	34.440	27.25		1474.5							
	DBS	00291	00.90	34.050	27.31		1456.9							
	STO	00300	00.97	34.13	27.37	00.359	1457.4							
	DBS	00300	00.97	34.135	27.37		1457.4							
	DBS	00319	01.21	34.200	27.41		1458.9							
	DBS	00342	03.13	34.570	27.63		1468.3							
	DBS	00361	03.63	34.770	27.62		1470.9							
	DBS	00390	03.79	34.770	27.65		1472.1							
	STO	00400	03.79	34.78	27.66	00.419	1472.3							
	DBS	00400	03.79	34.785	27.66		1472.3							
	DBS	00410	03.82	34.810	27.68		1472.6							
	DBS	00415	04.08	34.890	27.71		1473.9							
	DBS	00442	04.37	34.940	27.72		1475.6							
	DBS	00459	04.34	34.945	27.73		1475.8							
	DBS	00486	04.83	35.015	27.73		1478.3							
	STO	00500	04.85	35.02	27.73	00.464	1478.7							
	DBS	00500	04.85	35.020	27.73		1478.7							
	DBS	00530	04.85	35.015	27.73		1479.2							
	DBS	00570	04.37	34.950	27.73		1477.7							
	STO	00600	04.35	34.95	27.73	00.508	1478.2							
	DBS	00600	04.35	34.955	27.73		1478.2							
	DBS	00620	04.39	34.960	27.73		1478.7							
	STO	00700	04.25	34.96	27.75	00.551	1479.4							
	DBS	00700	04.25	34.960	27.75		1479.4							
	STO	00800	04.18	34.95	27.75	00.594	1480.8							
	DBS	00800	04.18	34.955	27.75		1480.8							
	STO	00900	04.08	34.94	27.76	00.638	1482.0							
	DBS	00900	04.08	34.945	27.76		1482.0							
	DBS	00955	04.10	34.960	27.77		1483.0							
	STO	01000	04.34	35.00	27.78	00.682	1484.8							
	DBS	01000	04.34	35.005	27.78		1484.8							
	STO	01100	04.29	34.99	27.77	00.726	1486.3							
	DBS	01100	04.29	34.990	27.77		1486.3							
	STO	01200	04.25	34.99	27.77	00.771	1487.8							
	DBS	01200	04.25	34.990	27.77		1487.8							
	STO	01300	04.14	34.98	27.78	00.817	1489.0							
	DBS	01300	04.14	34.980	27.78		1489.0							
	STO	01400	04.03	34.96	27.78	00.863	1490.2							
	DBS	01400	04.03	34.965	27.78		1490.2							
	DBS	01418	03.93	34.955	27.78		1490.1							
	DBS	01460	03.92	34.975	27.80		1490.7							
	DBS	01563	03.97	34.970	27.79		1491.0							
	STO	01500	03.97	34.96	27.78	00.910	1491.6							
	DBS	01500	03.97	34.960	27.78		1491.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

OFFIC 31 8276	YEAR 1972	HNTOP 01648	AIR TEMP 17.9	DIR HGT PER	WIND-DIR 31	INST STN RECONDER	TEN 52 1307
CONSEC 0151	MONTH 04	SHIP EV	WET RILA 17.0	31 1 5	WIND-SPO 31	TRACE DIR 3	5 SQUARE 1
LAT 42 42.5N	DAY 14	DATA USE 1	BAROMETR 1029.1	SFA	WIND-FJR	DURATION 09.4	2 SQUARE 20
LONG 050 27.0W	HOUR 19.7	AREA 05	CLOUD T/A	CLYTR	WEATHER XL	NOIS IIP 111	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPH	SND VEL	XYG	P34	TOT P	N02	N03	S103	P4
19.7	STD	00000	05.22	32.71	25.86	00.000	1468.9							
	DBS	00000	05.22	32.710	25.86		1468.9							
	STD	00010	04.42	32.79	24.01	00.021	1465.8							
	DBS	00010	04.42	32.790	26.01		1465.8							
	STD	00020	03.42	32.63	25.98 *	00.041	1461.5							
	DBS	00020	03.42	32.630	25.98		1461.5							
	STD	00030	01.47	32.82	24.29	00.060	1453.4							
	DBS	00030	01.47	32.820	26.29		1453.4							
	STD	00050	- 0.23	33.01	26.54	00.092	1446.3							
	DBS	00050	- 0.23	33.015	24.54		1446.3							
	STD	00075	- 1.03	33.15	23.68	00.128	1443.2							
	DBS	00075	- 1.03	33.150	26.68		1443.2							
	STD	00100	- 1.20	33.29	24.80	00.161	1443.0							
	DBS	00100	- 1.20	33.290	25.80		1443.0							
	STD	00125	- 1.18	33.36	24.85	00.192	1443.6							
	DBS	00125	- 1.18	33.360	24.85		1443.6							
	STD	00150	- 1.08	33.42	26.90	00.221	1444.6							
	DBS	00150	- 1.08	33.425	26.90		1444.6							
	DBS	00190	- 0.45	33.660	27.07		1448.5							
	STD	00200	03.12	34.07	27.15	00.273	1465.1							
	DBS	00200	03.12	34.070	27.15		1465.1							
	DBS	00236	06.30	34.550	27.18		1479.6							
	DBS	00243	05.26	34.350	27.15 *		1475.2							
	STD	00250	05.57	34.49	27.22	00.319	1476.8							
	DBS	00257	05.57	34.490	27.22		1476.8							
	DBS	00267	03.39	34.250	27.27		1467.7							
	DBS	00281	05.63	34.610	27.31		1477.7							
	DBS	00298	03.87	34.350	27.30		1470.3							
	STD	00300	03.91	34.40	27.34	00.360	1470.6							
	DBS	00300	03.91	34.400	27.34		1470.6							
	DBS	00311	04.49	34.670	27.33		1473.3							
	DBS	00325	03.25	34.330	27.35		1468.1							
	DBS	00341	04.05	34.520	27.42		1472.0							
	DBS	00365	03.32	34.440	27.43		1469.2							
	STD	00400	04.74	34.73	27.52	00.430	1476.2							
	DBS	00400	04.74	34.735	27.52		1476.2							
	DBS	00419	04.85	34.800	27.56		1477.0							
	DBS	00458	04.71	34.840	27.60		1477.1							
	DBS	00465	04.58	34.835	27.61		1476.7							
	DBS	00478	04.85	34.875	27.61		1478.1							
	STD	00500	04.20	34.81	27.64	00.487	1475.7							
	DBS	00500	04.20	34.810	27.64		1475.7							
	DBS	00510	04.82	34.950	27.68		1478.6							
	DBS	00540	04.91	34.950	27.67		1479.5							
	STD	00600	04.79	34.96	27.69	00.537	1480.0							
	DBS	00600	04.79	34.965	27.69		1480.0							
	DBS	00674	04.77	34.990	27.72		1481.2							
	STD	00700	04.69	34.98	27.72	00.584	1481.3							
	DBS	00700	04.69	34.985	27.72		1481.3							
	DBS	00721	04.53	34.960	27.72		1480.9							
	STD	00800	04.33	34.95	27.73	00.630	1481.4							
	DBS	00800	04.33	34.950	27.73		1481.4							
	STD	00900	04.23	34.93	27.73	00.676	1482.6							
	DBS	00900	04.23	34.935	27.73		1482.6							
	DBS	00953	04.22	34.935	27.73		1483.5							
	STD	01000	04.15	34.94	27.74	00.722	1484.0							
	DBS	01000	04.15	34.940	27.74		1484.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

RFFID 31 8296	YEAR 1972	BOTOP 01569	AIR TEMP 12.7	OIR HGT PER	WIND-DIR 05	INST STD RECORDER	TEN SQ 1307
CONSEC 0152	MONTH 06	SHIP EV	MET BULB 10.6	30 1 3	WIND-SPO 05	TRACE DIR 0	5 SQUARE 1
LAT 42 41.5N	DAY 14	DATA USE 1	BAROMETR 1029.8	SFA	WIND-FJR	ORRATI JN 03.4	2 SQUARE 20
LONG 050 04.0W	HOUR 21.9	AREA 05	CLOUD T/4	CL/TR	WEATHER X1	ORIG IIP 111	1 SQUARE 20

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	JXYG	PJ4	TOT P	N02	N03	S173	P4
21.9	STO	00000	05.57	32.79	25.88	00.000	1470.4							
	08S	00000	05.57	32.790	25.88		1470.4							
	STO	00010	05.23	32.71	25.86	00.021	1469.1							
	08S	00010	05.23	32.710	25.86		1469.1							
	STO	00020	03.67	32.71	26.02	00.047	1462.7							
	08S	00020	03.67	32.710	26.02		1462.7							
	STO	00030	01.50	32.91	26.36	00.061	1453.7							
	08S	00030	01.50	32.910	26.36		1453.7							
	STO	00050	- 1.19	32.97	26.54	00.092	1441.8							
	08S	00050	- 1.19	32.970	26.54		1441.8							
	08S	00060	- 1.24	33.150	26.68		1441.9							
	08S	00062	- 1.21	33.160	26.69		1442.1							
	08S	00070	- 1.25	33.190	26.72		1442.1							
	STO	00075	- 1.21	33.24	26.76	00.127	1442.5							
	08S	00075	- 1.21	33.245	26.76		1442.5							
	STO	00100	- 1.29	33.30	26.81	00.159	1442.6							
	08S	00100	- 1.29	33.300	26.81		1442.6							
	STO	00125	- 1.20	33.39	26.87	00.189	1443.5							
	08S	00125	- 1.20	33.385	26.87		1443.5							
	STO	00150	- 1.05	33.44	26.91	00.218	1444.7							
	08S	00150	- 1.05	33.440	26.91		1444.7							
	STO	00200	- 0.77	33.54	26.99	00.274	1447.0							
	08S	00200	- 0.77	33.545	26.99		1447.0							
	STO	00250	02.09	33.70	26.94 *	00.329	1461.0							
	08S	00279	03.67	34.030	27.07		1468.7							
	08S	00288	04.15	34.170	27.13		1471.1							
	STO	00300	02.04	34.03	27.21	00.379	1462.0							
	08S	00300	02.04	34.030	27.21		1462.0							
	08S	00319	00.49	33.910	27.22		1455.3							
	08S	00325	00.44	33.970	27.27		1455.2							
	08S	00333	00.64	33.995	27.28		1456.3							
	08S	00356	00.66	34.130	27.39		1457.0							
	STO	00400	01.72	34.27	27.43	00.456	1462.6							
	08S	00400	01.72	34.270	27.43		1462.6							
	08S	00407	01.78	34.260	27.42		1463.0							
	08S	00420	01.62	34.300	27.46		1462.6							
	STO	00500	03.59	34.75	27.65	00.514	1473.0							
	08S	00500	03.59	34.755	27.65		1473.0							
	STO	00600	03.90	34.84	27.69	00.562	1476.1							
	08S	00600	03.90	34.840	27.69		1476.1							
	STO	00700	04.06	34.88	27.70	00.609	1478.5							
	08S	00700	04.06	34.875	27.70		1478.5							
	STO	00800	04.10	34.91	27.73	00.656	1480.4							
	08S	00800	04.10	34.910	27.73		1480.4							
	STO	00900	04.10	34.91	27.73	00.702	1482.0							
	08S	00900	04.10	34.910	27.73		1482.0							
	STO	01000	04.10	34.92	27.73	00.749	1483.7							
	08S	01000	04.10	34.920	27.73		1483.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31	R296	YEAR 1972	BOATOP 02249	AIR TEMP 07.2	DIR HGT PER	WIND-DIR 12	INST STD RECORDER	TEN SQ 1307
CONSEC 0153		MONTH 05	SHIP EV	WET BULB 06.7	31 1 2	WIND-SPD 04	TRACE DIR 3	5 SQUARE 1
LAT 42 33.5N		DAY 14	DATA USE 1	BAROMETER 1030.8	SEA	WIND-FJR	DURATION 07.3	2 SQUARE 20
LONG 050 06.5W		MOHR 23.7	AREA 05	CLOUD T/A	CL/TX	WEATHER X1	ORIG TIP 111	1 SQUARE 20

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SND VEL	XYG	P34	TOT P	V37	V03	S133	P4
23.7	STD	00000	05.79	32.72	25.80	00.000	1471.2							
	ORS	00000	05.79	32.720	25.80		1471.2							
	STD	00010	04.79	32.70	25.90	00.022	1467.2							
	ORS	00010	04.78	32.700	25.90		1467.2							
	STD	00020	01.12	32.57	26.11	00.042	1451.3							
	ORS	00020	01.12	32.570	26.11		1451.3							
	STD	00030	- 0.23	32.90	26.45	00.059	1445.8							
	ORS	00030	- 0.23	32.900	26.45		1445.8							
	STD	00050	- 1.16	33.15	26.68	00.089	1442.2							
	ORS	00050	- 1.16	33.150	26.68		1442.2							
	STD	00075	- 1.20	33.31	26.82	00.121	1442.6							
	ORS	00075	- 1.20	33.315	26.82		1442.6							
	STD	00100	- 1.11	33.38	26.87	00.152	1443.5							
	ORS	00100	- 1.11	33.380	26.87		1443.5							
	STD	00125	- 1.05	33.43	26.90	00.181	1444.3							
	ORS	00125	- 1.05	33.430	26.90		1444.3							
	STD	00150	- 0.85	33.50	26.96	00.209	1445.8							
	ORS	00150	- 0.85	33.505	26.96		1445.8							
	STD	00200	- 0.58	33.60	27.03	00.262	1448.0							
	ORS	00200	- 0.58	33.605	27.03		1448.0							
	STD	00250	- 0.15	33.78	27.15	00.311	1451.0							
	ORS	00250	- 0.15	33.780	27.15		1451.0							
	ORS	00274	00.05	33.850	27.20		1452.4							
	STD	00300	03.67	34.37	27.34	00.353	1469.5							
	ORS	00300	03.67	34.370	27.34		1469.5							
	ORS	00311	04.47	34.470	27.34		1473.2							
	ORS	00340	01.06	34.100	27.34		1458.5							
	ORS	00368	01.21	34.150	27.37		1451.7							
	STD	00400	01.65	34.25	27.42	00.426	1462.3							
	ORS	00400	01.65	34.250	27.42		1462.3							
	ORS	00415	01.74	34.270	27.43		1463.0							
	ORS	00425	01.50	34.275	27.45		1462.1							
	ORS	00470	02.67	34.450	27.50		1468.2							
	STD	00500	04.96	34.90	27.62	00.487	1479.0							
	ORS	00500	04.96	34.900	27.62		1479.0							
	ORS	00520	05.28	34.985	27.65		1480.7							
	ORS	00570	05.09	34.980	27.67		1480.7							
	ORS	00575	05.15	35.000	27.68		1481.1							
	STD	00600	05.01	34.99	27.69	00.538	1480.9							
	ORS	00600	05.01	34.990	27.69		1480.9							
	STD	00700	04.69	34.97	27.71	00.586	1481.2							
	ORS	00700	04.69	34.970	27.71		1481.2							
	ORS	00753	04.44	34.955	27.72		1481.1							
	STD	00800	04.44	34.96	27.73	00.633	1481.9							
	ORS	00800	04.44	34.965	27.73		1481.9							
	ORS	00828	04.26	34.970	27.76		1481.6							
	ORS	00860	04.26	34.975	27.76		1482.1							
	ORS	00863	04.33	34.965	27.74		1482.5							
	STD	00900	04.34	34.96	27.74	00.679	1483.1							
	ORS	00900	04.34	34.965	27.74		1483.1							
	STD	01000	04.22	34.96	27.75	00.724	1484.3							
	ORS	01000	04.22	34.960	27.75		1484.3							
	ORS	01050	04.17	34.955	27.75		1484.9							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTOM 02118	AIR TEMP 08.3	DIR HGT PER	WIND-DIP 09	INST STD RECORDER	TEN SQ 1307
CONSEC 0154	MONTH 06	SHIP EV	WET BULB 07.8	31 1 2	WIND-SPD 05	TRACE DIR 7	5 SQUARE 1
LAT 42 32.04	DAY 15	DATA USE 1	BAROMETR 1031.8	SEA	WIND-FR	DURATION 09.3	2 SQUARE 20
LONG 050 17.14	HOOR 02.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG IIP 111	1 SQUARE 20

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	Sigma-T	DYNOPHT	SND VEL	DRYG	R34	TOT P	402	403	5133	P4
02.0	STD	00000	06.06	32.73	25.78	00.000	1472.3							
	085	00000	06.06	32.730	25.78		1472.3							
	STD	00010	04.07	32.77	26.03	00.021	1464.3							
	085	00010	04.07	32.775	26.03		1464.3							
	085	00015	02.72	32.770	26.15		1453.6							
	STD	00020	02.52	32.82	26.21	00.040	1457.9							
	085	00020	02.52	32.820	26.21		1457.9							
	STD	00030	01.22	32.71	26.22	00.058	1452.2							
	085	00030	01.22	32.715	26.22		1452.2							
	STD	00050	00.27	32.97	26.40	00.093	1448.4							
	085	00050	00.27	32.870	26.40		1448.4							
	085	00060	- 0.88	33.130	26.66		1443.6							
	085	00064	- 1.13	33.155	26.68		1442.5							
	085	00072	- 1.13	33.230	26.75		1442.8							
	STD	00075	- 1.20	33.21	26.73	00.130	1442.5							
	085	00075	- 1.20	33.210	26.73		1442.5							
	085	00085	- 1.61	33.270	26.79		1440.8							
	085	00097	- 0.85	33.440	26.91		1444.8							
	STD	00100	- 0.92	33.46	26.93	00.160	1444.6							
	085	00100	- 0.92	33.465	26.93		1444.6							
	085	00107	- 0.86	33.465	26.93		1444.9							
	085	00108	- 1.15	33.490	26.96		1443.6							
	STD	00125	00.22	33.82	27.16	00.186	1450.7							
	085	00125	00.22	33.820	27.16		1450.7							
	STD	00150	04.30	34.20	27.14	00.209	1469.5							
	085	00150	04.30	34.205	27.14		1469.5							
	085	00160	04.31	34.200	27.14		1469.7							
	STD	00200	07.09	34.75	27.23	00.255	1482.4							
	085	00200	07.09	34.750	27.23		1482.4							
	085	00209	07.09	34.750	27.23		1482.5							
	085	00220	06.78	34.710	27.24		1481.4							
	085	00230	06.83	34.750	27.27		1481.8							
	STD	00250	05.73	34.58	27.28	00.298	1477.5							
	085	00250	05.73	34.580	27.28		1477.5							
	085	00265	03.24	34.250	27.29		1467.0							
	085	00290	03.45	34.365	27.36		1468.4							
	STD	00300	03.49	34.38	27.37	00.337	1468.8							
	085	00300	03.49	34.380	27.37		1468.8							
	085	00312	03.55	34.390	27.37		1469.3							
	085	00325	01.59	34.220	27.40		1460.7							
	085	00340	01.27	34.190	27.40		1459.3							
	085	00347	01.22	34.230	27.43		1459.5							
	085	00380	02.06	34.470	27.56		1464.1							
	STD	00400	02.12	34.47	27.56	00.402	1464.7							
	085	00400	02.12	34.470	27.56		1464.7							
	085	00410	02.54	34.580	27.61		1466.8							
	085	00440	03.05	34.615	27.60		1469.5							
	085	00450	03.71	34.680	27.58		1472.6							
	085	00455	03.87	34.680	27.57		1473.4							
	085	00462	03.16	34.690	27.64		1470.5							
	085	00490	03.89	34.750	27.62		1474.1							
	STD	00500	04.52	34.89	27.66	00.454	1477.1							
	085	00500	04.52	34.890	27.66		1477.1							
	085	00505	04.52	34.850	27.63		1477.1							
	085	00520	04.57	34.910	27.67		1477.7							
	085	00542	04.39	34.870	27.66		1477.2							
	085	00548	04.30	34.830	27.64		1476.9							
	085	00558	04.30	34.865	27.67		1477.1							
	085	00565	04.39	34.885	27.67		1477.6							
	085	00570	04.24	34.830	27.65		1477.0							
	085	00582	04.17	34.855	27.67		1477.0							
	085	00584	04.25	34.870	27.68		1477.4							
	STD	00600	04.02	34.85	27.69	00.503	1476.6							
	085	00600	04.02	34.850	27.69		1476.6							
	085	00610	04.05	34.850	27.68		1476.9							
	085	00640	04.35	34.905	27.69		1478.8							
	085	00650	04.11	34.865	27.69		1477.9							
	085	00660	04.17	34.900	27.71		1478.3							
	085	00670	04.14	34.900	27.71		1478.4							
	085	00690	04.37	34.970	27.74		1479.8							
	STD	00700	04.35	34.94	27.72	00.549	1479.8							
	085	00700	04.35	34.940	27.72		1479.8							
	085	00707	04.35	34.930	27.71		1479.9							
	085	00715	04.21	34.895	27.70		1479.4							
	085	00740	04.39	34.950	27.73		1480.6							
	085	00752	04.29	34.925	27.72		1480.4							
	085	00778	04.32	34.920	27.71		1480.9							
	STD	00800	04.23	34.94	27.74	00.595	1481.0							
	085	00800	04.23	34.945	27.74		1481.0							
	085	00810	04.17	34.930	27.73		1480.9							
	085	00835	04.17	34.925	27.73		1481.3							
	085	00850	04.15	34.930	27.74		1481.4							
	085	00881	04.17	34.940	27.74		1482.1							
	085	00890	04.22	34.950	27.74		1482.4							
	STD	00900	04.22	34.95	27.74	00.640	1482.6							
	085	00900	04.22	34.950	27.74		1482.6							
	085	00940	04.22	34.960	27.75		1483.3							
	STD	01000	04.11	34.95	27.76	00.685	1483.8							
	085	01000	04.11	34.950	27.76		1483.8							
	085	01050	04.05	34.945	27.76		1484.4							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF ID	31	8296	YEAR	1972	BUTOP	03036	AIR TEMP	10.6	OIP	HGT	PER	WIND-DIR	05	INST	STN	RECORDER	TEN	SQ	1306	
CONSFC		0155	MONTH	06	SHIP	EV	WET	RULB	08.9		00	0	X		WIND-SPD	08	TRACE	DIA	0	
LAT	42	52	N		DAY	16	DATA	USE	1	BAROMETER	1023.4	SEA			WIND-F3R		DURATION	07.2	2	
LONG	048	36	W		HOOR	00.9	AREA		05	CLOUD	T/A	CL/TK			WEATHER	X2	ORIG	IIP	111	
																		1	SQUARE	28

CASNUM/TIME	LVL	TP	DEPTH	TEMP	SAL	SIGMA-T	DYN	DEPTH	SND	VEL	OXYG	PJ4	TOT	P	NO2	NO3	S133	P4
00.9	STD		00000	11.78	33.44	25.44		00.000	1494.7									
	085		00000	11.78	33.440	25.44			1494.7									
	STD		00010	09.98	33.81	26.05		00.023	1489.0									
	085		00010	09.98	33.810	26.05			1489.0									
	STD		00020	01.98	33.11	26.48		00.040	1455.9									
	085		00020	01.98	33.110	26.48			1455.9									
	STD		00030	03.84	33.39	26.54		00.056	1464.7									
	085		00030	03.84	33.39	26.54			1464.7									
	STD		00050	05.18	33.97	26.86		00.083	1471.2									
	085		00050	05.18	33.970	26.86			1471.2									
	STD		00060	04.56	34.260	27.16			1469.2									
	085		00060	04.56	34.260	27.16			1469.2									
	STD		00075	05.28	34.36	27.16		00.109	1472.6									
	085		00075	05.28	34.36	27.16			1472.6									
	STD		00090	05.41	34.395	27.17			1473.4									
	085		00090	05.41	34.395	27.17			1473.4									
	STD		00100	05.28	34.37	27.17		00.132	1473.0									
	085		00100	05.28	34.37	27.17			1473.0									
	STD		00120	05.58	34.440	27.18			1474.6									
	085		00120	05.58	34.440	27.18			1474.6									
	STD		00125	05.13	34.46	27.25		00.154	1472.9									
	085		00125	05.13	34.460	27.25			1472.9									
	STD		00130	05.38	34.480	27.24			1474.0									
	085		00130	05.38	34.480	27.24			1474.0									
	STD		00150	04.78	34.44	27.28		00.175	1471.8									
	085		00150	04.78	34.440	27.28			1471.8									
	STD		00165	05.00	34.520	27.32			1473.1									
	085		00165	05.00	34.520	27.32			1473.1									
	STD		00175	04.72	34.490	27.32			1472.1									
	085		00175	04.72	34.490	27.32			1472.1									
	STD		00200	05.41	34.66	27.38		00.214	1475.5									
	085		00200	05.41	34.660	27.38			1475.5									
	STD		00207	05.41	34.685	27.40			1475.7									
	085		00207	05.41	34.685	27.40			1475.7									
	STD		00211	05.86	34.780	27.42			1477.7									
	085		00211	05.86	34.780	27.42			1477.7									
	STD		00220	06.11	34.870	27.46			1479.0									
	085		00220	06.11	34.870	27.46			1479.0									
	STD		00230	06.11	34.845	27.44			1479.1									
	085		00230	06.11	34.845	27.44			1479.1									
	STD		00250	05.75	34.79	27.44		00.249	1477.9									
	085		00250	05.75	34.790	27.44			1477.9									
	STD		00300	05.51	34.88	27.54		00.281	1477.5									
	085		00300	05.51	34.880	27.54			1477.5									
	STD		00311	05.42	34.890	27.56			1477.7									
	085		00311	05.42	34.890	27.56			1477.7									
	STD		00321	05.42	34.920	27.58			1477.9									
	085		00321	05.42	34.920	27.58			1477.9									
	STD		00328	05.46	34.730	27.59			1478.2									
	085		00328	05.46	34.730	27.59			1478.2									
	STD		00350	05.15	34.910	27.61			1477.3									
	085		00350	05.15	34.910	27.61			1477.3									
	STD		00400	05.10	34.96	27.65		00.336	1478.0									
	085		00400	05.10	34.960	27.65			1478.0									
	STD		00410	05.10	34.970	27.66			1478.1									
	085		00410	05.10	34.970	27.66			1478.1									
	STD		00440	05.01	34.990	27.69			1478.3									
	085		00440	05.01	34.990	27.69			1478.3									
	STD		00500	04.78	34.78	27.71		00.384	1478.3									
	085		00500	04.78	34.780	27.71			1478.3									
	STD		00530	04.73	34.975	27.71			1478.6									
	085		00530	04.73	34.975	27.71			1478.6									
	STD		00590	04.51	34.965	27.72			1478.7									
	085		00590	04.51	34.965	27.72			1478.7									
	STD		00600	04.51	34.98	27.74		00.428	1478.9									
	085		00600	04.51	34.980	27.74			1478.9									
	STD		00606	04.48	34.960	27.72			1478.8									
	085		00606	04.48	34.960	27.72			1478.8									
	STD		00632	04.48	34.975	27.74			1479.3									
	085		00632	04.48	34.975	27.74			1479.3									
	STD		00650	04.52	34.990	27.74			1479.7									
	085		00650	04.52	34.990	27.74			1479.7									
	STD		00668	04.52	34.990	27.74			1480.0									
	085		00668	04.52	34.990	27.74			1480.0									
	STD		00700	04.29	34.95	27.74		00.472	1479.6									
	085		00700	04.29	34.950	27.74			1479.6									
	STD		00743	04.29	34.965	27.75			1480.3									
	085		00743	04.29	34.965	27.75			1480.3									
	STD		00750	04.21	34.950	27.75			1480.1									
	085		00750	04.21	34.950	27.75			1480.1									
	STD		00800	04.19	34.76	27.76		00.516	1480.8									
	085		00800	04.19	34.760	27.76			1480.8									
	STD		00880	03.99	34.935	27.76			1481.3									
	085		00880	03.99	34.935	27.76			1481.3									
	STD		00900	03.99	34.93	27.76		00.559	1481.6									
	085		00900	03.99	34.930	27.76			1481.6									
	STD		00905	03.98	34.935	27.76			1481.7									
	085		00905	03.98	34.935	27.76			1481.7									
	STD		00920	03.91	34.925	27.76			1481.6									
	085		00920	03.91	34.925	27.76			1481.6									
	STD		01000	03.87	34.92	27.76		00.603	1482.8									
	085		01000	03.87	34.920	27.76			1482.8									

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTOP 02483	AIR TEMP 12.2	OIR HGT PER	WIND-DIR 05	INST STD RECORDER	TEN SQ 1306
CONSEC 0156	MONTH 05	SHIP EV	WET BULR 11.1	00 0 X	WIND-SPD 09	TRACE DIR 7	5 SQUARE 2
LAT 43 03.5N	DAY 16	DATA USE 1	BAROMETR 1029.1	SEA	WIND-FOR	DURATION 07.2	2 SQUARE 2B
LONG 048 42.0W	HOOR 03.2	AREA 05	CLOUD T/A	CL/TR	WEATHER X2	ORIG TIP 111	1 SQUARE 3B

CASNUM/TIME	LVL/TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPHT	SND VEL	OXYG	P34	TOT P	NO2	NO3	SIC3	PH
	STD	00000	04.57	32.48	25.75	00.000	1465.9							
03.2	DBS	00000	04.57	32.479	25.75		1465.9							
	STD	00010	02.48	32.56	26.01	00.021	1457.2							
	DBS	00010	02.48	32.560	26.01		1457.2							
	STD	00020	02.07	32.96	26.28	00.040	1456.0							
	DBS	00020	02.07	32.860	26.28		1456.0							
	STD	00030	00.23	33.01	26.52	00.057	1448.1							
	DBS	00030	00.23	33.015	26.52		1448.1							
	DBS	00040	00.15	33.240	26.70		1448.2							
	DBS	00045	00.92	33.360	26.76		1451.9							
	STD	00050	00.42	33.47	26.87	00.084	1449.9							
	DBS	00050	00.42	33.470	26.87		1449.9							
	DBS	00060	00.53	33.665	27.02		1450.8							
	DBS	00065	00.11	33.640	27.03		1449.0							
	STD	00075	00.38	33.75	27.10	00.111	1450.5							
	DBS	00075	00.38	33.750	27.10		1450.5							
	STD	00100	01.68	34.12	27.31	00.133	1457.3							
	DBS	00100	01.68	34.120	27.31		1457.3							
	DBS	00105	01.75	34.095	27.29		1457.6							
	STD	00125	04.45	34.58	27.43	00.151	1470.2							
	DBS	00141	04.95	34.630	27.41		1472.6							
	DBS	00147	04.76	34.570	27.38 *		1471.9							
	STD	00150	04.93	34.66	27.44	00.167	1472.7							
	DBS	00150	04.93	34.660	27.44		1472.7							
	DBS	00170	04.62	34.560	27.39 *		1471.7							
	DBS	00175	04.95	34.745	27.50		1473.3							
	STD	00200	04.73	34.70	27.49	00.200	1472.8							
	DBS	00200	04.73	34.700	27.49		1472.8							
	DBS	00220	04.73	34.715	27.50		1473.1							
	DBS	00240	05.31	34.870	27.56		1476.1							
	STD	00250	05.30	34.88	27.57	00.230	1476.2							
	DBS	00250	05.30	34.880	27.57		1476.2							
	DBS	00270	05.44	34.940	27.60		1477.2							
	STD	00300	05.20	34.93	27.62	00.257	1476.7							
	DBS	00300	05.20	34.930	27.62		1476.7							
	DBS	00333	05.06	34.940	27.64		1476.7							
	STD	00400	03.48	34.75	27.67	00.306	1470.9							
	DBS	00400	03.48	34.755	27.67		1470.9							
	DBS	00485	04.20	34.920	27.72		1475.6							
	STD	00500	04.18	34.89	27.70	00.352	1475.7							
	DBS	00500	04.18	34.890	27.70		1475.7							
	DBS	00510	04.08	34.890	27.71		1475.5							
	DBS	00530	04.08	34.900	27.72		1476.6							
	STD	00600	04.13	34.92	27.73	00.397	1477.2							
	DBS	00600	04.13	34.920	27.73		1477.2							
	DBS	00630	04.35	34.960	27.74		1478.7							
	DBS	00660	04.33	34.950	27.73		1479.1							
	DBS	00670	04.21	34.935	27.73		1478.7							
	STD	00700	04.20	34.94	27.74	00.440	1479.2							
	DBS	00700	04.20	34.945	27.74		1479.2							
	DBS	00710	04.26	34.960	27.75		1479.6							
	STD	00800	04.25	34.95	27.74	00.484	1481.1							
	DBS	00800	04.25	34.950	27.74		1481.1							
	STD	00900	04.15	34.95	27.75	00.529	1482.3							
	DBS	00900	04.15	34.950	27.75		1482.3							
	STD	01000	04.02	34.93	27.75	00.573	1483.4							
	DBS	01000	04.02	34.935	27.75		1483.4							
	DBS	01033	03.98	34.935	27.76		1483.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—(Continued)

REFID 31 8296	YEAR 1972	BDTOP 00836	AIR TEMP 11.1	DIR HGT PER	WIND-DIR 35	INST STD RECORDER	TEN SQ 1306
CONSEC 0157	MONTH 06	SHIP EV	WET BULB 10.6	00 0 X	WIND-SPO 05	TRACE DIR 3	5 SQUARE 2
LAT 43 15.5N	DAY 16	DATA USE 1	BAROMETR 1028.4	SEA	WIND-FJR	DURATION 00.2	2 SQUARE 28
LONG 049 23.5W	HOOR 07.4	AREA 05	CLOUD T/4	CL/TR	WEATHER X5	ORIG IIP 111	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	P4
07.4	STD	00000	05.15	32.65	25.82	00.000	1468.5							
	085	00000	05.15	32.650	25.82		1468.5							
	STD	00010	01.98	32.61	26.08	00.021	1455.1							
	085	00010	01.98	32.610	26.08		1455.1							
	STD	00020	- 0.67	32.70	26.30	00.039	1443.3							
	085	00020	- 0.67	32.700	26.30		1443.3							
	STD	00030	- 1.09	33.03	26.58	00.055	1442.0							
	085	00030	- 1.09	33.030	26.58		1442.0							
	085	00040	- 1.56	33.120	26.67		1440.1							
	STD	00050	- 1.55	33.27	26.79	00.082	1440.5							
	085	00050	- 1.55	33.270	26.79		1440.5							
	085	00060	- 1.51	33.270	26.79		1440.8							
	085	00070	- 1.57	33.275	26.79		1440.7							
	STD	00075	- 1.50	33.32	26.83	00.113	1441.2							
	085	00075	- 1.50	33.320	26.83		1441.2							
	STD	00100	- 1.25	33.41	26.89	00.143	1442.9							
	085	00100	- 1.25	33.410	26.89		1442.9							
	STD	00125	- 0.77	33.51	26.96	00.171	1445.7							
	085	00125	- 0.77	33.515	26.96		1445.7							
	STD	00150	- 0.39	33.63	27.04	00.198	1443.1							
	085	00150	- 0.39	33.625	27.04		1448.1							
	STD	00200	00.13	33.80	27.15	00.247	1451.5							
	085	00200	00.13	33.800	27.15		1451.5							
	085	00210	00.33	33.860	27.19		1452.7							
	STD	00250	00.55	33.96	27.26	00.290	1454.5							
	085	00250	00.55	33.965	27.26		1454.5							
	STD	00300	00.74	34.07	27.34	00.329	1456.3							
	085	00300	00.74	34.070	27.34		1456.3							
	085	00312	01.64	34.130	27.32		1460.6							
	085	00333	01.33	34.190	27.39		1459.7							
	085	00360	02.37	34.490	27.56		1465.1							
	STD	00400	03.01	34.56	27.56	00.395	1468.6							
	085	00400	03.01	34.560	27.56		1468.6							
	085	00425	03.24	34.630	27.59		1470.1							
	085	00479	03.31	34.685	27.63		1471.4							
	STD	00500	03.45	34.72	27.64	00.449	1472.4							
	085	00500	03.45	34.725	27.64		1472.4							
	085	00579	03.89	34.850	27.70		1475.7							
	STD	00600	03.90	34.84	27.69	00.497	1476.1							
	085	00600	03.90	34.840	27.69		1476.1							
	085	00615	03.90	34.845	27.69		1476.4							
	STD	00700	04.01	34.88	27.71	00.543	1478.3							
	085	00700	04.01	34.875	27.71		1478.3							
	STD	00800	04.05	34.89	27.72	00.590	1480.1							
	085	00800	04.05	34.895	27.72		1480.1							
	085	00810	04.05	34.900	27.72		1480.3							

REFID 31 8296	YEAR 1972	BDTOP 00240	AIR TEMP 11.1	DIR HGT PER	WIND-DIR 01	INST STD RECORDER	TEN SQ 1306
CONSEC 0158	MONTH 06	SHIP EV	WET BULB 10.6	10 0 2	WIND-SPO 09	TRACE DIR 3	5 SQUARE 2
LAT 43 18.5N	DAY 16	DATA USE 1	BAROMETR 1028.4	SEA	WIND-FJR	DURATION 00.1	2 SQUARE 28
LONG 049 24.5W	HOOR 09.4	AREA 05	CLOUD T/4	CL/TR	WEATHER X5	ORIG IIP 111	1 SQUARE 39

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	PH
09.4	STD	00000	04.32	32.63	25.89	00.000	1465.0							
	085	00000	04.32	32.625	25.89		1465.0							
	STD	00010	03.38	32.62	25.98	00.021	1461.2							
	085	00010	03.38	32.620	25.98		1461.2							
	STD	00020	02.42	32.70	26.13	00.040	1457.3							
	085	00020	02.42	32.705	26.13		1457.3							
	STD	00030	- 0.22	32.66	26.25	00.059	1445.5							
	085	00030	- 0.22	32.660	26.25		1445.5							
	STD	00050	- 1.05	32.93	26.50	00.092	1442.4							
	085	00050	- 1.05	32.930	26.50		1442.4							
	STD	00075	- 1.47	33.05	26.61	00.129	1441.0							
	085	00075	- 1.47	33.055	26.61		1441.0							
	085	00085	- 1.56	33.125	26.67		1440.8							
	STD	00100	- 1.58	33.22	26.75	00.163	1441.1							
	085	00100	- 1.58	33.225	26.75		1441.1							
	085	00108	- 1.59	33.245	26.77		1441.3							
	STD	00125	- 1.37	33.32	26.82	00.195	1442.6							
	085	00125	- 1.37	33.320	26.82		1442.6							
	STD	00150	- 1.19	33.36	26.85	00.225	1444.0							
	085	00150	- 1.19	33.360	26.85		1444.0							
	085	00161	- 1.14	33.395	26.88		1444.4							
	085	00190	00.08	33.710	27.08		1451.0							
	STD	00200	00.19	33.79	27.15	00.278	1451.7							
	085	00200	00.18	33.795	27.15		1451.7							
	085	00217	00.39	33.900	27.22		1453.1							
	085	00238	00.49	33.925	27.23		1454.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 8296	YEAR 1972	BOTOP 00078	AIR TEMP 10.0	DIR HGT PER	WIND-DIR 25	INST STD RECORDER	TEN SQ 1306
CONSEC 0159	MONTH 04	SHIP EV	WET BULB 09.4	10 0 2	WIND-SPD 05	TRACE DIR 0	5 SQUARE 2
LAT 43 20.0N	DAY 16	DATA USE 1	BAROMETR 1028.4	SEA	WIND-FJR	ORINATION	2 SQUARE 29
LONG 049 34.0W	HOUR 10.1	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG IIP 111	1 SQUARE 39

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SI33	PH
	STD	00000	06.80	32.81	25.74	00.000	1475.4							
10.1	DBS	00000	06.80	32.810	25.74		1475.4							
	DBS	00002	07.60	32.890	25.70 *		1478.7							
	DBS	00005	06.94	32.880	25.62 *		1475.9							
	STD	00010	06.85	32.81	25.74	00.023	1475.7							
	DBS	00010	06.85	32.810	25.74		1475.7							
	DBS	00017	05.53	32.760	25.86		1470.5							
	STD	00020	04.35	32.68	25.93	00.044	1465.5							
	DBS	00020	04.35	32.685	25.93		1465.5							
	DBS	00025	02.33	32.580	26.03		1450.8							
	STD	00030	01.40	32.78	26.26	00.064	1453.0							
	DBS	00030	01.40	32.780	26.26		1453.0							
	DBS	00035	00.79	32.955	26.44		1450.6							
	DBS	00040	00.03	32.900	26.43		1447.2							
	DBS	00045	- 0.05	32.990	26.51		1447.0							
	STD	00050	- 0.24	33.09	26.60	00.096	1446.4							
	DBS	00053	- 0.33	33.140	26.64		1446.1							
	STD	00075	- 0.52	33.20	26.70	00.131	1445.6							
	DBS	00075	- 0.52	33.200	26.70		1445.6							

REFID 31 8296	YEAR 1972	BOTOP 00060	AIR TEMP 10.6	DIR HGT PER	WIND-DIR 25	INST STD RECORDER	TEN SQ 1306
CONSEC 0160	MONTH 06	SHIP EV	WET BULB 10.0	00 0 X	WIND-SPD 05	TRACE DIR 0	5 SQUARE 2
LAT 43 22.5N	DAY 16	DATA USE 1	BAROMETR 1028.8	SEA	WIND-FJR	ORINATION	2 SQUARE 28
LONG 049 39.0W	HOUR 10.8	AREA 05	CLOUD T/A	CL/TR	WEATHER X1	ORIG IIP 111	1 SQUARE 39

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNDEPTH	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SI33	PH
	STD	00000	10.51	32.75	25.13	00.000	1489.4							
10.8	DBS	00000	10.51	32.750	25.13		1489.4							
	STD	00010	08.48	32.74	25.45	00.027	1487.0							
	DBS	00010	08.48	32.740	25.45		1482.0							
	STD	00020	02.25	32.66	26.10	00.049	1456.5							
	DBS	00020	02.25	32.660	26.10		1456.5							
	STD	00030	01.73	32.90	26.34	00.067	1454.7							
	DBS	00030	01.73	32.905	26.34		1454.7							
	STD	00050	01.14	32.96	26.42	00.100	1452.5							
	DBS	00050	01.14	32.960	26.42		1452.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NOIOC Listing No. 31–8296.—Continued

REFID 31 8296	YEAR 1972	BOATOP 00183	AIR TEMP 12.2	DIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN SQ 1306
CUNSEC 0161	MONTH 06	SHIP EV	WET BULB 10.6	12 0 7	WIND-SPO 15	TRACE DIR 0	5 SQUARE 2
LAT 44 16.5N	DAY 16	DATA USE 1	BAROMETR 1027.1	SFA	WIND-FOR	DURATION 00.1	2 SQUARE 48
LONG 048 57.0W	HOOR 14.0	AREA 05	CLOUD T/4	CL/TR	WEATHER X1	ORIG IIP 111	1 SQUARE 48

CASNUM/TIME	LVLTYR	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	XYG	P14	TOT P	V02	V03	S133	P4
18.0	STO	00000	06.05	32.71	25.77	00.000	1472.3							
	DBS	00000	06.05	32.715	25.77		1472.3							
	STO	00010	03.54	32.34	25.74 *	00.023	1461.5							
	DBS	00013	02.98	32.260	25.73		1459.0							
	STO	00020	02.38	32.18	25.71	00.045	1456.4							
	STO	00030	01.54	32.16	25.75	00.068	1452.8							
	DBS	00030	01.54	32.160	25.75		1452.8							
	STO	00050	- 0.83	32.82	26.41	00.107	1443.3							
	DBS	00070	- 1.74	33.175	26.72		1439.8							
	STO	00075	- 1.74	33.21	26.75	00.143	1439.9							
	DBS	00075	- 1.74	33.215	26.75		1439.9							
	DBS	00088	- 1.69	33.295	26.81		1440.5							
	DBS	00095	- 1.71	33.310	26.83		1440.5							
	STO	00100	- 1.55	33.38	26.88	00.174	1441.5							
	DBS	00100	- 1.55	33.380	26.88		1441.5							
	STO	00125	- 1.17	33.44	26.92	00.203	1443.8							
	DBS	00125	- 1.17	33.440	26.92		1443.8							
	DBS	00140	- 1.17	33.450	26.92		1444.0							
	STO	00150	- 1.10	33.46	26.93	00.232	1444.5							
	DBS	00150	- 1.10	33.465	26.93		1444.5							
	DBS	00161	- 0.90	33.510	26.96		1445.7							

REFID 31 8296	YEAR 1972	BOATOP 01062	AIR TEMP 12.2	DIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN SQ 1306
CUNSEC 0162	MONTH 06	SHIP EV	WET BULB 10.6	26 1 2	WIND-SPO 08	TRACE DIR 0	5 SQUARE 2
LAT 44 14.5N	DAY 16	DATA USE 1	BAROMETR 1027.0	SEA	WIND-FOR	DURATION 00.2	2 SQUARE 48
LONG 048 50.0W	HOOR 18.7	AREA 05	CLOUD T/4	CL/TR	WEATHER X1	ORIG IIP 111	1 SQUARE 48

CASNUM/TIME	LVLTYR	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO VEL	XYG	P14	TOT P	V02	V03	S133	P4
18.7	STO	00000	05.61	32.61	25.74	00.000	1470.3							
	DBS	00000	05.61	32.615	25.74		1470.3							
	STO	00010	03.14	32.37	25.80	00.022	1459.8							
	STO	00020	00.98	32.36	25.95	00.044	1450.4							
	DBS	00020	00.98	32.360	25.95		1450.4							
	STO	00030	- 0.84	32.51	26.15	00.063	1442.4							
	DBS	00032	- 1.20	32.640	26.27		1441.0							
	DBS	00033	- 1.04	32.720	26.33		1441.8							
	STO	00050	- 1.42	33.10	26.65	00.096	1440.9							
	DBS	00050	- 1.42	33.105	26.65		1440.9							
	DBS	00058	- 1.59	33.160	26.70		1440.3							
	DBS	00069	- 1.36	33.360	26.86		1441.8							
	STO	00075	- 1.24	33.32	26.83 *	00.129	1442.4							
	DBS	00075	- 1.24	33.325	26.83		1442.4							
	DBS	00083	- 1.12	33.460	26.93		1443.3							
	STO	00100	- 1.22	33.45	26.93	00.158	1443.1							
	DBS	00100	- 1.22	33.450	26.93		1443.1							
	STO	00125	- 0.69	33.55	26.99	00.186	1446.2							
	DBS	00125	- 0.69	33.550	26.99		1446.2							
	STO	00150	- 0.59	33.59	27.02	00.212	1447.1							
	DBS	00150	- 0.59	33.590	27.02		1447.1							
	STO	00200	- 0.07	33.83	27.19	00.261	1450.6							
	DBS	00200	- 0.07	33.830	27.19		1450.6							
	STO	00250	00.12	33.91	27.24	00.304	1452.5							
	DBS	00250	00.12	33.910	27.24		1452.5							
	STO	00300	00.59	34.05	27.33	00.343	1455.6							
	DBS	00300	00.59	34.055	27.33		1455.6							
	DBS	00120	02.18	34.070	27.34		1456.1							
	STO	00400	02.18	34.50	27.58	00.408	1465.0							
	DBS	00400	02.18	34.500	27.58		1465.0							
	STO	00500	03.80	34.83	27.69	00.458	1474.0							
	DBS	00500	03.80	34.830	27.69		1474.0							
	DBS	00550	03.98	34.870	27.71		1476.7							
	STO	00600	03.97	34.88	27.72	00.503	1476.5							
	DBS	00600	03.97	34.880	27.72		1476.5							
	STO	00700	04.00	34.89	27.72	00.548	1478.3							
	DBS	00700	04.00	34.890	27.72		1478.3							
	STO	00800	04.05	34.91	27.73	00.593	1480.2							
	DBS	00800	04.05	34.910	27.73		1480.2							
	STO	00900	04.06	34.91	27.73	00.639	1481.9							
	DBS	00900	04.06	34.910	27.73		1481.9							
	STO	01000	04.05	34.91	27.73	00.686	1483.5							
	DBS	01000	04.05	34.910	27.73		1483.5							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTOP 01920	AIR TEMP 10.6	DIR HGT PER	WIND-31P 23	INST STO RECORDER	TEN SQ 1306
CONSEC 0163	MONTH 06	SHIP EV	WFT BULB 08.9	26 2 2	WIND-SPO 21	TRACE DIR 0	5 SQUARE 2
LAT 44 32.5N	DAY 16	DATA USE 1	BAROMETER 1026.8	SEA	WIND-FJR	DURATION 03.3	2 SQUARE 48
LONG 048 39.5W	HOHR 20-2	AREA 05	CLOUD T/A	CL/TR	WEATHER XL	ORIG IIP 111	1 SQUARE 48

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SNO VEL	OXYG	P34	TOT P	NO2	NO3	SIG3	P4
20.2	STO	00003	03.56	32.30	25.71	00.000	1461.4							
	DBS	00000	03.56	32.305	25.71		1461.4							
	DBS	00005	03.59	32.300	25.70		1461.6							
	STO	00010	03.15	32.31	25.75	00.023	1459.8							
	STO	00020	01.88	32.33	25.87	00.045	1454.4							
	DBS	00020	01.88	32.330	25.87		1454.4							
	STO	00030	00.09	32.52	26.13	00.065	1446.7							
	DBS	00030	00.08	32.525	26.13		1446.7							
	DBS	00035	- 0.38	32.840	26.40		1445.1							
	DBS	00039	- 0.25	33.090	26.60		1446.1							
	DBS	00040	- 0.64	33.070	26.60		1444.3							
	DBS	00046	- 0.34	33.060	26.58		1445.8							
	STO	00050	- 0.92	33.18	26.70	00.097	1443.3							
	DBS	00050	- 0.92	33.180	26.70		1443.3							
	DBS	00059	- 1.03	33.275	26.78		1443.0							
	DBS	00060	- 0.90	33.320	26.81		1443.8							
	DBS	00065	- 1.08	33.280	26.78 *		1443.0							
	STO	00075	- 0.82	33.43	26.90	00.129	1444.6							
	DBS	00075	- 0.82	33.430	26.90		1444.6							
	DBS	00078	- 0.89	33.450	26.91		1444.3							
	DBS	00083	- 0.86	33.485	26.94		1444.6							
	DBS	00089	- 0.92	33.500	26.96		1444.4							
	STO	00100	- 0.37	33.70	27.10	00.155	1447.4							
	DBS	00100	- 0.37	33.705	27.10		1447.4							
	STO	00125	00.31	33.73	27.09	00.180	1451.0							
	DBS	00125	00.31	33.730	27.09		1451.0							
	STO	00150	- 0.28	33.84	27.21	00.203	1448.9							
	DBS	00150	- 0.28	33.840	27.21		1448.9							
	STO	00200	00.41	34.07	27.36	00.243	1453.2							
	DBS	00200	00.41	34.070	27.36		1453.2							
	DBS	00218	00.45	34.095	27.37		1453.7							
	STO	00250	01.25	34.27	27.46	00.277	1458.1							
	DBS	00250	01.25	34.270	27.46		1458.1							
	STO	00300	02.02	34.45	27.55	00.307	1462.5							
	DBS	00300	02.02	34.450	27.55		1462.5							
	STO	00400	03.64	34.81	27.69	00.357	1471.7							
	DBS	00400	03.64	34.810	27.69		1471.7							
	STO	00500	04.05	34.86	27.69	00.402	1475.1							
	DBS	00500	04.05	34.860	27.69		1475.1							
	DBS	00522	04.20	34.910	27.71		1476.2							
	DBS	00530	04.12	34.870	27.69		1475.9							
	DBS	00545	04.35	34.940	27.72		1477.2							
	STO	00600	04.28	34.93	27.72	00.448	1477.8							
	DBS	00600	04.28	34.930	27.72		1477.8							
	DBS	00690	04.16	34.930	27.74		1478.8							
	STO	00700	04.24	34.95	27.74	00.492	1479.4							
	DBS	00700	04.24	34.950	27.74		1479.4							
	DBS	00758	04.27	34.950	27.74		1480.4							
	STO	00800	04.17	34.93	27.74	00.536	1480.7							
	DBS	00900	04.17	34.935	27.74		1480.7							
	DBS	00819	04.10	34.930	27.74		1480.7							
	STO	00900	04.04	34.90	27.72	00.582	1481.8							
	STO	01000	03.99	34.86	27.70	00.630	1483.2							
	DBS	01000	03.99	34.860	27.70		1483.2							
	DBS	01060	03.98	34.920	27.75		1484.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

PFFIN 31	8296	YEAR 1972	STATION 03076	AIR TEMP 10.0	DIR HGT PER	WIND-DIR 24	INST STO RECD OFR	TEN SO 1306
CJNSEC	0164	MONTH 06	SHIP EV	WET BULB 09.4	26 2 4	WIND-SPO 19	TRACE DIR	5 SQUARE 2
LAT 44	27.54	DAY 14	DATA USE 1	BAROMETR 1027.8	SFA	WIND-FJR	DIRECTION 00.3	2 SQUARE 48
LONG 048	20.0W	HOJP 22.5	ARFA 05	CELEST T/4	CI/TR	WEATHER X1	ORIG IIP 111	1 SQUARE 48

CASTNOW/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYN DPTH	SNO VEL	XYG	P34	TOT P	N02	N03	S103	P4
22.5	STO	00000	06.60	32.66	25.65	00.000	1474.4							
	ONS	00000	06.60	32.660	25.65		1474.4							
	STO	00010	04.93	32.77	25.94	00.022	1467.9							
	ONS	00010	04.93	32.770	25.94		1467.9							
	STO	00020	03.23	32.96	26.26	00.041	1461.2							
	ONS	00020	03.23	32.960	26.26		1461.2							
	STO	00030	01.89	33.24	26.59	00.057	1455.9							
	ONS	00030	01.89	33.240	26.59		1455.9							
	STO	00050	00.64	33.46	26.85	00.084	1450.9							
	ONS	00050	00.64	33.460	26.85		1450.9							
	STO	00060	00.42	33.835	27.17		1450.7							
	ONS	00075	00.73	33.96	27.25	00.110	1452.4							
	STO	00075	00.73	33.960	27.25		1452.4							
	ONS	00089	01.17	34.100	27.33		1454.8							
	STO	00100	00.96	34.11	27.35	00.129	1454.1							
	ONS	00100	00.96	34.110	27.35		1454.1							
	STO	00111	01.16	34.240	27.45		1455.3							
	ONS	00125	01.28	34.30	27.49	00.146	1456.2							
	STO	00125	01.28	34.300	27.49		1456.2							
	ONS	00150	02.40	34.44	27.51	00.161	1461.7							
	STO	00150	02.40	34.440	27.51		1461.7							
	ONS	00170	03.45	34.620	27.56		1466.8							
	STO	00176	03.28	34.580	27.55		1466.1							
	ONS	00200	03.15	34.59	27.57	00.189	1466.0							
	STO	00200	03.15	34.590	27.57		1466.0							
	ONS	00217	02.67	34.560	27.59		1464.2							
	STO	00225	03.03	34.640	27.62		1466.0							
	ONS	00250	03.78	34.77	27.65	00.215	1469.7							
	STO	00250	03.78	34.775	27.65		1469.7							
	ONS	00290	04.75	34.940	27.68		1474.7							
	STO	00300	04.60	34.90	27.66	00.238	1474.2							
	ONS	00300	04.60	34.900	27.66		1474.2							
	STO	00338	04.33	34.880	27.68		1473.6							
	ONS	00356	04.37	34.910	27.70		1474.1							
	STO	00380	04.24	34.900	27.70		1474.0							
	ONS	00390	04.28	34.910	27.71		1474.3							
	STO	00400	04.23	34.895	27.70	00.284	1474.3							
	ONS	00400	04.23	34.895	27.70		1474.3							
	STO	00450	04.18	34.900	27.71		1474.9							
	ONS	00500	04.23	34.92	27.72	00.328	1476.0							
	STO	00500	04.23	34.920	27.72		1476.0							
	ONS	00525	04.28	34.945	27.73		1476.6							
	STO	00600	04.10	34.92	27.73	00.372	1477.1							
	ONS	00600	04.10	34.920	27.73		1477.1							
	STO	00625	04.17	34.930	27.73		1477.8							
	ONS	00647	04.12	34.920	27.73		1477.9							
	STO	00665	04.17	34.940	27.74		1478.5							
	ONS	00700	04.14	34.94	27.75	00.415	1478.9							
	STO	00700	04.14	34.940	27.75		1478.9							
	ONS	00760	04.08	34.930	27.74		1479.7							
	STO	00782	04.12	34.940	27.75		1480.2							
	ONS	00800	04.08	34.93	27.74	00.459	1480.3							
	STO	00800	04.08	34.930	27.74		1480.3							
	ONS	00900	03.99	34.92	27.75	00.503	1481.6							
	STO	00900	03.99	34.920	27.75		1481.6							
	ONS	01000	03.98	34.92	27.75	00.548	1483.2							
	STO	01000	03.99	34.925	27.75		1483.2							
	ONS	01024	04.00	34.940	27.76		1483.7							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF ID	31	H296	YEAR	1972	HUTOP	033R4	AIR TEMP	11.7	AIR HGT PER	WIND-DIR	21	INST STD RECORDER	TFN SO	1306	
CONSEC		0165	MONTH	05	SHIP EV		WET QULA	10.6	22 1 3	WIND-SPD	12	TRACE DIR	5 SQUARE	2	
LAT	44	21.5N	DAY	17	DATA USE	1	BAROMETP	1029.5	SEA	WIND-FDR		ORIENTATION	01.3	2 SQUARE	46
LONG	047	54 W	HOOR	01.2	AREA	05	CLIMD T/A		CL/TR	WEATHER	X1	ORIG TTP	111	1 SQUARE	47

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPH	SNO VEL	CHYG	PJ4	TOT P	N02	N03	S133	P4
01.2	STO	00000	10.38	33.52	25.75	00.000	1489.9							
	ORS	00000	10.38	33.520	25.75		1489.9							
	STO	00010	10.16	33.53	25.79	00.022	1489.3							
	ORS	00017	09.33	33.960	26.27		1486.9							
	STO	00020	08.80	34.25	26.59	00.041	1485.3							
	ORS	00020	08.80	34.255	26.59		1485.3							
	ORS	00025	08.31	34.260	26.67		1483.6							
	STO	00030	08.58	34.46	26.78	00.054	1486.9							
	ORS	00030	08.58	34.460	26.78		1486.9							
	ORS	00040	09.00	34.730	26.93		1487.0							
	STO	00050	09.48	34.72	27.00	00.078	1485.2							
	ORS	00050	09.49	34.720	27.00		1485.2							
	ORS	00060	08.25	34.680	27.01		1486.4							
	ORS	00070	07.25	34.480	27.00		1480.5							
	STO	00075	07.39	34.63	27.09	00.104	1481.3							
	ORS	00075	07.38	34.630	27.09		1481.3							
	ORS	00082	06.63	34.480	27.08		1478.3							
	ORS	00095	07.03	34.600	27.12		1480.2							
	STO	00100	06.93	34.60	27.13	00.128	1479.9							
	ORS	00100	06.93	34.600	27.13		1479.9							
	ORS	00113	06.70	34.610	27.17		1479.2							
	STO	00125	06.91	34.66	27.19	00.151	1480.3							
	ORS	00140	07.10	34.710	27.20		1481.4							
	STO	00150	07.18	34.73	27.20	00.174	1481.9							
	ORS	00150	07.18	34.730	27.20		1481.9							
	ORS	00180	07.40	34.820	27.24		1483.3							
	STO	00200	06.48	34.74	27.31	00.217	1479.9							
	ORS	00200	06.48	34.740	27.31		1479.9							
	STO	00250	06.19	34.74	27.35	00.256	1479.6							
	ORS	00250	06.18	34.740	27.35		1479.6							
	ORS	00270	05.83	34.745	27.39		1478.5							
	STO	00300	05.69	34.77	27.44	00.293	1478.5							
	ORS	00300	05.69	34.775	27.44		1478.5							
	ORS	00330	05.78	34.885	27.51		1479.5							
	ORS	00350	05.38	34.850	27.53		1478.1							
	STO	00400	05.43	34.93	27.59	00.356	1479.3							
	ORS	00400	05.43	34.930	27.59		1479.3							
	ORS	00429	05.41	34.975	27.63		1479.7							
	STO	00500	05.05	34.97	27.67	00.409	1479.4							
	ORS	00500	05.05	34.975	27.67		1479.4							
	STO	00600	04.71	34.97	27.71	00.456	1479.7							
	ORS	00600	04.71	34.970	27.71		1479.7							
	STO	00700	04.63	34.98	27.72	00.503	1481.0							
	ORS	00700	04.63	34.980	27.72		1481.0							
	STO	00800	04.32	34.96	27.75	00.548	1481.4							
	ORS	00800	04.32	34.965	27.75		1481.4							
	STO	00900	04.15	34.94	27.75	00.593	1482.3							
	ORS	00900	04.15	34.945	27.75		1482.3							
	STO	01000	04.16	34.96	27.76	00.637	1484.0							
	ORS	01000	04.16	34.960	27.76		1484.0							
	ORS	01029	04.14	34.960	27.76		1484.4							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOTOM 03200	AIR TEMP 11.7	OIR HGT PER	WIND-DIR 25	INST STD RECORDED	TEN S2 L306
CONSEC 0166	MONTH 05	SHIP EV	WET HULB 10.6	28 2 2	WIND-SPD 16	TRACE DIR	5 SQJAPF 4
LAT 45 27 N	DAY 17	DATA USE 1	BAROMETER 1029.4	SEA	WIND-FJR	DUPATION 03.3	2 SQUARE 46
LONG 046 59 W	HHMM 07.9	AKFA 05	CLOUD T/A	CL/T/P	WEATHER 2	ORIG IIP 111	1 SQUARE 56

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	DYNPTH	SN0 VEL	CHRG	P14	TOT P	V02	V03	S133	P4
07.9	ST0	00000	08.90	33.22	25.77	00.000	1484.0							
	085	00000	08.90	33.225	25.77		1484.0							
	ST0	00010	07.73	33.42	25.09	00.021	1480.0							
	085	00010	07.73	33.420	25.09		1480.0							
	ST0	00020	04.88	33.42	26.46	00.038	1468.7							
	085	00020	04.88	33.420	26.46		1468.7							
	085	00024	04.56	33.460	26.53		1467.5							
	ST0	00030	04.78	33.56	26.59	00.054	1469.7							
	085	00030	04.78	33.565	26.59		1468.7							
	085	00031	04.75	33.620	26.63		1468.0							
	085	00048	03.55	33.560	25.71		1463.8							
	ST0	00050	03.88	33.64	26.74	00.081	1465.3							
	085	00050	03.88	33.640	26.74		1465.3							
	085	00056	04.60	33.940	26.90		1468.9							
	085	00060	04.36	33.880	26.88		1467.8							
	085	00065	04.18	33.930	26.94		1467.2							
	085	00070	03.19	33.915	27.02		1463.1							
	ST0	00075	03.23	34.02	27.10	00.110	1463.5							
	085	00075	03.23	34.020	27.10		1463.5							
	ST0	00100	03.16	34.13	27.20	00.133	1463.8							
	085	00100	03.16	34.130	27.20		1463.9							
	085	00115	02.58	34.130	27.25		1461.5							
	ST0	00125	02.83	34.24	27.32	00.154	1462.9							
	085	00125	02.83	34.240	27.32		1462.9							
	ST0	00150	03.68	34.41	27.37	00.173	1467.2							
	085	00150	03.68	34.410	27.37		1467.2							
	085	00155	03.17	34.360	27.38		1465.0							
	085	00165	03.75	34.460	27.40		1467.8							
	085	00171	03.49	34.445	27.42		1466.8							
	ST0	00200	04.38	34.68	27.51	00.206	1471.3							
	085	00200	04.38	34.680	27.51		1471.3							
	085	00219	04.26	34.690	27.53		1471.1							
	ST0	00250	05.18	34.88	27.58	00.235	1475.7							
	085	00250	05.18	34.880	27.58		1475.7							
	085	00270	05.09	34.905	27.61		1475.7							
	085	00271	05.21	34.960	27.64		1476.3							
	ST0	00300	05.09	34.95	27.65	00.261	1476.3							
	085	00300	05.09	34.950	27.65		1476.3							
	085	00310	05.14	34.945	27.64		1476.6							
	ST0	00400	05.00	34.98	27.68	00.309	1477.6							
	085	00400	05.00	34.985	27.68		1477.6							
	ST0	00500	04.46	34.95	27.72	00.354	1477.0							
	085	00500	04.46	34.950	27.72		1477.0							
	085	00550	04.38	34.940	27.72		1477.4							
	ST0	00600	04.53	34.99	27.74	00.398	1479.0							
	085	00600	04.53	34.990	27.74		1479.0							
	085	00640	04.61	35.000	27.74		1480.0							
	ST0	00700	04.48	34.98	27.74	00.441	1480.4							
	085	00700	04.48	34.985	27.74		1480.4							
	ST0	00800	04.31	34.97	27.75	00.485	1481.3							
	085	00800	04.31	34.975	27.75		1481.3							
	ST0	00900	04.24	34.97	27.76	00.528	1482.7							
	085	00900	04.24	34.975	27.76		1482.7							
	ST0	01000	04.04	34.95	27.77	00.572	1483.5							
	085	01000	04.04	34.955	27.77		1483.5							
	085	01022	04.03	34.955	27.77		1483.8							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 81-8296.—Continued

REFID 31 8296	YEAR 1972	40TOP 02251	AIR TEMP 10.0	DIR HGT PER	WIND-DIR 25	INST STD RECORDER	TFN SQ 1306
CONSEC 0167	MONTH 04	SHIP EV	WET BULB 08.9	24 2 2	WIND-SPD 23	TRACE DIR 0	5 SQUARE 4
LAT 45 30 N	DAY 17	DATA USE 1	BAROMETR 1028.4	SEA	WIND-FZR	DJBATION 00.2	2 SQUARE 46
LONG 047 23 W	HOVR 11.6	AREA 05	CLOUD T4	CL/TR	WEATHER XL	ORIG IIP 111	1 SQUARE 57

CASTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	DRYG	PJ4	TOT P	N02	N03	S133	P4
11.6	STD	00000	07.14	32.85	25.73	00.000	1476.8							
	DRS	00003	07.14	32.850	25.73		1476.8							
	DRS	00003	07.60	33.160	25.91		1479.0							
	STD	00010	04.06	33.76	26.26	00.020	1464.7							
	DRS	00015	03.11	33.040	26.34		1460.7							
	STD	00020	01.49	33.06	25.32	00.039	1462.4							
	DRS	00020	03.48	33.060	26.32		1462.4							
	STD	00030	03.27	33.11	26.38	00.054	1461.7							
	DRS	00040	04.49 P	33.61 P	26.650									
	DRS	00042	03.01	33.180	26.46 *		1460.9							
	DRS	00046	03.37	33.560	26.73		1463.0							
	STD	00050	02.98	33.61	26.80	00.084	1461.5							
	DRS	00050	02.98	33.610	26.80		1461.5							
	DRS	00056	02.74	33.660	26.86		1460.6							
	STD	00075	03.96	34.09	27.09	00.112	1466.7							
	DRS	00075	03.96	34.090	27.09		1466.7							
	STD	00100	03.18	34.14	27.20	00.135	1463.9							
	DRS	00103	03.18	34.140	27.20		1463.9							
	DRS	00104	03.61	34.200	27.21		1465.8							
	DRS	00112	03.19	34.200	27.25		1464.1							
	STD	00125	02.24	34.16	27.30	00.156	1460.2							
	DRS	00125	02.23	34.160	27.30		1460.2							
	DRS	00134	02.23	34.215	27.35		1460.4							
	DRS	00147	02.39	34.260	27.37		1461.2							
	DRS	00141	02.30	34.220	27.35		1460.8							
	STD	00150	03.42	34.42	27.41	00.174	1466.1							
	DRS	00172	04.85	34.690	27.47		1472.8							
	DRS	00190	04.62	34.660	27.47		1472.1							
	STD	00200	04.18	34.64	27.51	00.207	1470.4							
	DRS	00200	04.18	34.645	27.51		1470.4							
	DRS	00210	04.16	34.640	27.50		1470.5							
	DRS	00222	03.79	34.615	27.52		1469.1							
	STD	00250	04.52	34.76	27.56	00.236	1472.9							
	DRS	00250	04.52	34.760	27.56		1472.8							
	STD	00300	04.89	34.91	27.64	00.263	1475.4							
	DRS	00100	04.89	34.915	27.64		1475.4							
	DRS	00375	05.10	34.955	27.65		1476.7							
	DRS	00362	05.05	34.970	27.66		1477.3							
	DRS	00374	04.92	34.940	27.66		1476.8							
	STD	00400	04.91	34.97	27.68	00.311	1477.2							
	DRS	00400	04.91	34.970	27.68		1477.2							
	DRS	00477	05.01	35.015	27.71		1478.1							
	STD	00500	04.68	34.98	27.72	00.356	1477.9							
	DRS	00500	04.68	34.980	27.72		1477.9							
	DRS	00530	04.58	34.950	27.71		1478.0							
	DRS	00544	04.73	35.010	27.74		1478.9							
	STD	00600	04.56	34.98	27.73	00.400	1479.1							
	DRS	00600	04.56	34.985	27.73		1479.1							
	STD	00700	04.42	34.98	27.75	00.444	1480.1							
	DRS	00700	04.42	34.980	27.75		1480.1							
	STD	00800	04.32	34.98	27.76	00.487	1481.4							
	DRS	00800	04.32	34.980	27.76		1481.4							
	STD	00900	04.19	34.96	27.76	00.531	1482.5							
	DRS	00900	04.19	34.960	27.76		1482.5							
	STD	01000	04.07	34.96	27.77	00.575	1483.7							
	DRS	01000	04.07	34.965	27.77		1483.7							
	DRS	01030	04.04	34.960	27.77		1484.0							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

OFFID 31 8296	YEAR 1972	HOTID 02763	AIR TEMP 08.9	OIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN 50 1306
CONSEC 0168	MONTH 06	SHIP EV	WET BULB 07.2	26 2 2	WIND-SPO 14	TRACE DIR	5 SQUARE 4
LAT 45 38.0N	DAY 17	DATA USE 1	BAROMETR 1028.8	SEA	WIND-FIR	DIRECTION	2 SQUARE 46
LONG 047 35.5W	HOJR 13.4	AREA 05	CLOUD T/A	CL/IR	WEATHER XL	ORIG TIP 222	1 SQUARE 57

CASNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SND VEL	CHYG	P14	TOT °	V02	M03	S133	P4
13.4	STD	00000	04.35	32.32	25.65	00.000	1464.7							
	08S	00000	04.35	32.325	25.65		1464.7							
	08S	00000	04.35	32.320	25.65		1464.9							
	STD	00010	04.06	32.42	25.75	00.023	1463.8							
	08S	00010	04.06	32.420	25.75		1463.8							
	STD	00020	07.98	32.86	26.20	00.043	1459.9							
	08S	00020	02.98	32.860	26.20		1459.9							
	STD	00030	02.63	33.38	26.65	00.060	1459.3							
	08S	00030	02.63	33.380	26.65		1459.3							
	08S	00034	01.27	33.360	26.73		1453.3							
	08S	00038	01.60	33.500	26.82		1455.1							
	08S	00042	00.65 P	33.90 P	27.200									
	08S	00045	00.81	33.460	26.84 *		1451.6							
	08S	00049	00.59	33.430	26.83		1450.6							
	STD	00050	00.98	33.44	26.82	00.086	1452.4							
	08S	00050	00.98	33.440	26.82		1452.4							
	08S	00069	00.52	33.600	26.97		1450.9							
	STD	00075	00.24	33.84	27.18	00.113	1450.0							
	08S	00078	00.18	33.900	27.23		1449.9							
	08S	00084	00.24	33.900	27.23		1450.2							
	08S	00090	00.15	33.915	27.24		1450.0							
	STD	00100	00.49	34.11	27.38	00.133	1451.9							
	08S	00100	00.49	34.110	27.38		1451.9							
	STD	00125	00.78	34.16	27.41	00.150	1453.7							
	08S	00125	00.78	34.160	27.41		1453.7							
	STD	00150	01.13	34.24	27.45	00.167	1455.8							
	08S	00150	01.13	34.240	27.45		1455.8							
	STD	00200	01.93	34.42	27.53	00.197	1461.7							
	08S	00200	01.93	34.420	27.53		1460.7							
	08S	00242	04.51	34.880	27.66		1472.4							
	STD	00250	04.31	34.88	27.68	00.223	1472.1							
	08S	00283	03.65	34.760	27.65 *		1469.7							
	08S	00290	03.55	34.715	27.63		1469.3							
	STD	00300	03.91	34.79	27.65	00.246	1471.1							
	08S	00334	04.64	34.940	27.69		1474.9							
	STD	00400	03.93	34.93	27.68	00.293	1472.9							
	08S	00400	03.93	34.835	27.68		1472.9							
	08S	00452	04.23	34.920	27.72		1475.2							
	08S	00463	04.15	34.895	27.71		1475.0							
	STD	00500	04.20	34.90	27.71	00.339	1475.8							
	08S	00500	04.20	34.900	27.71		1475.8							
	08S	00525	04.06	34.890	27.71		1475.6							
	08S	00542	04.15	34.920	27.73		1476.3							
	08S	00540	04.09	34.910	27.73		1476.8							
	STD	00600	04.16	34.93	27.74	00.382	1477.3							
	08S	00600	04.15	34.930	27.74		1477.3							
	STD	00700	04.07	34.92	27.74	00.426	1478.6							
	08S	00700	04.07	34.920	27.74		1478.6							
	STD	00800	04.04	34.92	27.74	00.470	1480.1							
	08S	00800	04.04	34.920	27.74		1480.1							
	STD	00900	03.98	34.92	27.75	00.514	1481.6							
	08S	00900	03.98	34.925	27.75		1481.6							
	STD	01000	03.92	34.92	27.76	00.558	1483.0							
	08S	01000	03.92	34.925	27.76		1483.0							
	08S	01030	03.89	34.920	27.76		1483.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 8296	YEAR 1972	BOIDP 01315	AIR TEMP 07.8	DIR MGT PER	WIND-DIR 25	INST STD RECORDER	TEN 52 1336
CONSEC 0169	MONTH 06	SHIP EV	WET RULR 07.2	26 2 2	WIND-SPD 15	TRACE DIR 0	5 SQUARE 4
LAT 45 35.5N	DAY 17	DATA USE 1	BAROMETR 1028.8	SFA	WIND-FJR	OUPTATION 03.2	2 SQUARE 46
LONG 047 46.0W	HOOR 15.2	AREA 05	CLOUD T/A	CL/TR	WEATHER 2	DRIG TIP 111	1 SQUARE 57

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	XYG	PJ4	TOT P	N02	N03	S133	P4
15.2	STO	00000	04.36	32.77	25.60	00.000	1464.7							
	DBS	00000	04.36	32.270	25.60		1464.7							
	STO	00010	03.38	32.66	26.01	00.022	1461.7							
	DBS	00010	03.38	32.660	26.01		1461.7							
	STO	00020	01.38	32.86	26.33	00.041	1452.9							
	DBS	00020	01.38	32.860	26.33		1452.9							
	STO	00030	00.75	33.34	26.75	00.056	1450.9							
	DBS	00030	00.75	33.340	26.75		1450.9							
	STO	00050	00.18	33.75	27.11	00.078	1449.2							
	DBS	00050	00.18	33.755	27.11		1449.2							
	STO	00072	00.42	33.950	27.26		1450.9							
	DBS	00072	00.42	33.950	27.26		1450.9							
	STO	00075	00.50	34.08	27.36	00.099	1451.5							
	DBS	00075	00.50	34.080	27.36		1451.5							
	STO	00100	01.18	34.23	27.44	00.117	1455.2							
	DBS	00100	01.18	34.230	27.44		1455.2							
	STO	00125	01.47	34.32	27.49	00.132	1457.1							
	DBS	00125	01.47	34.325	27.49		1457.1							
	STO	00150	01.77	34.39	27.53	00.147	1458.9							
	DBS	00150	01.77	34.395	27.53		1458.9							
	STO	00200	02.68	34.62	27.63	00.173	1464.0							
	DBS	00200	02.68	34.620	27.63		1464.0							
	STO	00250	03.33	34.74	27.67	00.197	1467.8							
	DBS	00250	03.33	34.740	27.67		1467.8							
	STO	00300	03.72	34.81	27.69	00.219	1470.4							
	DBS	00300	03.72	34.810	27.69		1470.4							
	STO	00325	03.84	34.845	27.70		1471.3							
	DBS	00325	03.84	34.845	27.70		1471.3							
	STO	00341	03.80	34.840	27.70		1471.4							
	DBS	00341	03.80	34.840	27.70		1471.4							
	STO	00400	03.98	34.89	27.72	00.263	1473.2							
	DBS	00400	03.98	34.890	27.72		1473.2							
	STO	00500	04.03	34.90	27.73	00.305	1475.1							
	DBS	00500	04.03	34.900	27.73		1475.1							
	STO	00600	04.02	34.91	27.74	00.348	1476.7							
	DBS	00600	04.02	34.915	27.74		1476.7							
	STO	00700	03.97	34.92	27.75	00.390	1478.2							
	DBS	00700	03.97	34.920	27.75		1478.2							
	STO	00800	03.95	34.92	27.75	00.433	1479.8							
	DBS	00800	03.95	34.920	27.75		1479.8							
	STO	00900	03.92	34.92	27.75	00.477	1481.3							
	DBS	00900	03.92	34.920	27.75		1481.3							
	STO	01000	03.91	34.92	27.75	00.521	1482.9							
	DBS	01000	03.91	34.920	27.75		1482.9							
	STO	01025	03.90	34.920	27.75		1483.3							
	DBS	01025	03.90	34.920	27.75		1483.3							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF ID: 31	A276	YEAR: 1972	BO TOP: 01097	AIR TEMP: 07.8	DIR HGT PER: 26 2 2	WIND-DIR: 25	INST STD RECORDER:	TEN SQ: 1306
CONSEC: 0170		MONTH: 05	SHIP EV:	WET RULB: 06.1		WIND-SPD: 15	TRACE DIR: 0	5 SQUARE: 4
LAT: 45 49.5N		DAY: 17	DATA USE: 1	BAROMETER: 1029.5	SEA:	WIND-FJR:	DURATION: 00.3	2 SQUARE: 46
LONG: 047 55.0W		HOOR: 16.8	AREA: 05	CLOUD T/4:	CL/TR:	WEATHER: XI	ORTG IIP: 111	1 SQUARE: 57

CASNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	DRVG	PJ4	TOT P	NO2	NO3	SIC3	PH
16.8	STD	00300	03.12	32.23	25.69	00.000	1459.4							
	DBS	00000	03.12	32.230	25.69		1459.4							
	STD	00010	02.99	32.22	25.69	00.023	1459.0							
	DBS	00010	02.99	32.220	25.69		1459.0							
	STD	00020	02.78	32.25	25.74	00.046	1458.3							
	DBS	00020	02.78	32.255	25.74		1458.3							
	STD	00030	- 0.27	32.86	26.41	00.065	1445.6							
	DBS	00030	- 0.27	32.860	26.41		1445.6							
	DBS	00032	- 0.58	32.940	26.49		1444.3							
	DBS	00036	- 0.44	32.950	26.49		1445.0							
	STD	00050	- 1.34	33.18	26.71	00.095	1441.4							
	DBS	00050	- 1.34	33.180	26.71		1441.4							
	DBS	00052	- 1.29	33.280	26.79		1441.8							
	STD	00075	01.08	33.40	26.78	00.128	1453.2							
	DBS	00075	01.08	33.400	26.78		1453.2							
	DBS	00094	- 0.25	33.560	26.98		1447.7							
	STD	00100	- 0.14	33.61	27.01	00.157	1448.4							
	DBS	00104	- 0.06	33.660	27.05		1448.9							
	DBS	00117	02.08	33.920	27.12		1459.1							
	STD	00120	01.77	33.960	27.18		1457.8							
	DBS	00125	01.88	33.99	27.20	00.181	1458.4							
	DBS	00125	01.88	33.995	27.20		1458.4							
	DBS	00144	01.49	33.990	27.22		1456.9							
	STD	00150	01.28	34.02	27.26	00.202	1456.2							
	DBS	00161	01.13	34.100	27.34		1455.8							
	DBS	00168	01.17	34.160	27.38		1456.2							
	DBS	00178	00.92	34.140	27.38		1455.2							
	STD	00200	01.21	34.24	27.45	00.239	1457.0							
	DBS	00200	01.21	34.245	27.45		1457.0							
	STD	00250	02.06	34.44	27.54	00.269	1461.9							
	DBS	00250	02.06	34.440	27.54		1461.9							
	STD	00300	02.78	34.61	27.62	00.296	1466.1							
	DBS	00300	02.78	34.610	27.62		1466.1							
	STD	00400	03.65	34.82	27.70	00.343	1471.7							
	DBS	00400	03.65	34.820	27.70		1471.7							
	STD	00500	03.98	34.88	27.71	00.387	1474.9							
	DBS	00500	03.98	34.880	27.71		1474.9							
	DBS	00561	04.03	34.900	27.73		1476.1							
	STD	00600	04.00	34.89	27.72	00.431	1476.6							
	DBS	00600	04.00	34.895	27.72		1476.6							
	STD	00700	04.01	34.90	27.73	00.475	1478.3							
	DBS	00700	04.01	34.905	27.73		1478.3							
	STD	00800	04.00	34.90	27.73	00.520	1479.9							
	DBS	00800	04.00	34.900	27.73		1479.9							
	STD	00900	03.96	34.90	27.73	00.565	1481.4							
	DBS	00900	03.96	34.900	27.73		1481.4							
	STD	01000	03.96	34.90	27.73	00.612	1483.1							
	DBS	01000	03.96	34.900	27.73		1483.1							
	DBS	01079	03.96	34.900	27.73		1483.6							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-S296.—Continued

REFID 31 829A	YEAR 1972	BOTOP 00364	AIR TEMP 07.8	DIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN S2 1306
CONSEC 0171	MONTH 05	SHIP EV	WET RULR 06.7	26 2 3	WIND-SPD 23	TRACE DIR 0	5 SQUARE 4
LAT 45 55 N	DAY 17	DATA USE 1	BAROMETR 1028.8	SEA	WIND-FJR	DIPATTON 00.1	2 SQUARE 48
LONG 048 04.0W	HOUR 18.5	AREA 05	CLOUD T/A	CL/TR	WEATHER XI	ORIG IIP III	1 SQUARE 58

CASINUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	XYG	P14	TOT P	NO2	NO3	S103	P4
18.6	STD	00003	04.61	32.71	25.93	00.000	1466.3							
	OBS	00000	04.61	32.710	25.93		1466.3							
	STD	00010	01.04	32.48	26.05	00.020	1450.7							
	STD	00020	- 1.02	32.26	25.96 *	00.040	1441.1							
	OBS	00020	- 1.02	32.260	25.96		1441.1							
	STD	00030	- 1.58	32.98	26.56	00.058	1439.6							
	OBS	00030	- 1.58	32.980	26.56		1439.6							
	STD	00040	- 1.70	33.13	26.68	00.087	1439.6							
	OBS	00050	- 1.70	33.125	26.68		1439.6							
	OBS	00060	- 1.71	33.175	26.72		1439.8							
	STD	00075	- 1.69	33.22	26.75	00.120	1440.2							
	OBS	00075	- 1.69	33.220	26.75		1440.2							
	STD	00100	- 1.67	33.27	26.79	00.152	1440.8							
	OBS	00100	- 1.67	33.270	26.79		1440.8							
	OBS	00115	- 1.67	33.320	26.83		1441.1							
	STD	00125	- 1.42	33.42	26.91	00.182	1442.6							
	OBS	00125	- 1.42	33.425	26.91		1442.6							
	OBS	00137	- 1.09	33.510	26.97		1444.4							
	STD	00150	- 0.14	33.67	27.06	00.209	1449.3							
	OBS	00150	- 0.14	33.670	27.06		1449.3							
	OBS	00170	- 0.14	33.680	27.07		1449.6							
	OBS	00188	00.06	33.760	27.12		1450.9							
	STD	00200	00.08	33.78	27.14	00.257	1451.3							
	OBS	00200	00.08	33.780	27.14		1451.3							
	OBS	00210	00.33	33.860	27.19		1452.7							
	OBS	00236	00.48	33.945	27.25		1453.9							
	STD	00250	00.48	33.97	27.27	00.301	1454.2							
	OBS	00250	00.48	33.970	27.27		1454.2							
	OBS	00261	00.48	33.960	27.26		1454.3							
	OBS	00264	00.41	33.935	27.25		1454.0							
	OBS	00294	00.52	34.030	27.32		1455.2							
	STD	00300	00.72	34.11	27.37	00.339	1456.3							
	OBS	00300	00.72	34.110	27.37		1456.3							
	OBS	00338	01.57	34.345	27.50		1461.0							

REFID 31 8296	YEAR 1972	BOTOP 00183	AIR TEMP 09.4	DIR HGT PER	WIND-DIR 23	INST STD RECORDER	TEN S2 1306
CONSEC 0172	MONTH 05	SHIP EV	WET RULR 07.8	26 2 3	WIND-SPD 15	TRACE DIR 0	5 SQUARE 4
LAT 45 47.0N	DAY 17	DATA USE 1	BAROMETR 1028.8	SEA	WIND-FJR	DIPATTON 00.1	2 SQUARE 48
LONG 048 07.5W	HOUR 19.5	AREA 05	CLOUD T/A	CL/TR	WEATHER XI	ORIG IIP III	1 SQUARE 58

CASINUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPHT	SND VEL	XYG	P14	TOT P	NO2	NO3	S103	P4
19.5	STD	00000	05.13	32.71	25.87	00.000	1463.5							
	OBS	00000	05.13	32.710	25.87		1463.5							
	STD	00010	04.63	32.68	25.90	00.021	1466.5							
	OBS	00010	04.63	32.680	25.90		1466.5							
	OBS	00015	04.24	32.620	25.89		1465.1							
	STD	00020	01.98	32.63	26.10	00.041	1455.3							
	STD	00030	- 0.92	32.72	26.33	00.060	1447.4							
	OBS	00030	- 0.92	32.720	26.33		1447.4							
	OBS	00035	- 1.52	32.900	26.41		1439.7							
	OBS	00039	- 1.48	33.080	26.63		1440.4							
	OBS	00047	- 1.67	33.080	26.64		1439.5							
	STD	00050	- 1.66	33.15	26.69	00.090	1439.8							
	OBS	00050	- 1.66	33.150	26.69		1439.8							
	OBS	00051	- 1.63	33.160	26.70		1440.0							
	OBS	00053	- 1.72	33.165	26.71		1439.6							
	OBS	00060	- 1.72	33.165	26.71		1439.7							
	OBS	00062	- 1.70	33.170	26.71		1439.8							
	OBS	00068	- 1.75	33.200	26.74		1439.7							
	OBS	00073	- 1.66	33.290	26.81		1440.4							
	STD	00075	- 1.70	33.26	26.78 *	00.123	1443.2							
	OBS	00075	- 1.70	33.260	26.78		1440.2							
	OBS	00083	- 1.71	33.280	26.80		1440.3							
	OBS	00090	- 1.67	33.290	26.81		1440.6							
	STD	00100	- 1.66	33.30	26.82	00.154	1440.8							
	OBS	00100	- 1.66	33.305	26.82		1440.8							
	OBS	00115	- 1.33	33.410	26.90		1442.8							
	STD	00125	- 1.28	33.40	26.89	00.184	1443.2							
	OBS	00125	- 1.28	33.400	26.89		1443.2							
	OBS	00145	- 1.25	33.400	26.89		1443.7							
	STD	00150	- 1.16	33.43	26.91	00.213	1444.2							
	OBS	00150	- 1.16	33.430	26.91		1444.2							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972-18 June 1972, Prepared from NODC Listing No. 81-S296.—Continued

REF ID	31	8296	YEAR	1972	BOTUP	03988	AIK TEMP	06.7	DIR	HGT	PER	#IND-OIR	21	INST	STO	RECORDER	TEN	50	1306		
CONSEC		0173	MONTH	04	SHIP	FV	WET BULB	06.1		26	2	5		WIND-SPD	13	TRACE	018	0	5	SQUARF	4
LAT	47	02.5N	DAY	18	DATA	USE	1	840METR	1027.4	SF4				WIND-FJR		DUPATION	00.2		2	SQUARE	66
LONG	046	44.0W	HOUR	04.0	AREA	05	CLOUD	T/A		CL/TR				WEATHER	X4	041G	TIP	111	1	SQUARE	76
CASNUM/TIME	LVL	TP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPH	SNO	VEL	OXYG	P34	TOT P	N02	N03	S133	PH					
04.0	ST0		00000	03.28	32.14	25.60	00.000	1459.9													
	085		00000	03.28	32.140	25.60		1459.9													
	ST0		00010	02.49	32.13	25.66	00.024	1456.6													
	085		00010	02.49	32.125	25.66		1456.6													
	ST0		00020	00.18	32.96	26.47	00.043	1447.6													
	085		00020	00.18	32.960	26.47		1447.6													
	085		00025	00.47	33.330	26.76		1449.5													
	ST0		00030	-0.21	33.28	26.75	00.058	1446.4													
	085		00030	-0.21	33.285	26.75		1446.4													
	085		00038	-0.61	33.380	26.85		1444.9													
	085		00040	-0.46	33.380	26.84		1445.6													
	085		00049	-0.89	33.610	27.04		1444.1													
	ST0		00050	-0.77	33.59	27.02	00.081	1444.6													
	085		00050	-0.77	33.590	27.02		1444.6													
	ST0		00075	-0.07	33.93	27.27	00.104	1448.7													
	085		00075	-0.07	33.930	27.27		1448.7													
	ST0		00100	00.70	34.07	27.34	00.124	1452.8													
	085		00100	00.70	34.075	27.34		1452.8													
	ST0		00125	00.73	34.18	27.43	00.141	1453.5													
	085		00125	00.73	34.180	27.43		1453.5													
	ST0		00150	01.45	34.32	27.49	00.157	1457.4													
	085		00150	01.45	34.325	27.49		1457.4													
	ST0		00200	02.49	34.54	27.59	00.185	1463.0													
	085		00200	02.49	34.540	27.59		1463.0													
	ST0		00250	03.18	34.58	27.56	00.212	1466.9													
	085		00250	03.18	34.585	27.56		1466.9													
	085		00255	03.02	34.670	27.59		1466.3													
	085		00267	03.45	34.700	27.62		1468.5													
	085		00280	03.28	34.715	27.65		1468.0													
	ST0		00300	03.54	34.77	27.67	00.238	1469.6													
	085		00360	04.02	34.870	27.70		1472.7													
	ST0		00400	04.08	34.88	27.71	00.282	1473.6													
	085		00400	04.08	34.885	27.71		1473.6													
	085		00425	03.97	34.875	27.71		1473.6													
	085		00440	04.06	34.900	27.72		1474.2													
	ST0		00500	04.02	34.89	27.72	00.326	1475.0													
	085		00500	04.02	34.895	27.72		1475.0													
	085		00530	04.03	34.900	27.73		1475.6													
	085		00550	04.05	34.910	27.73		1476.0													
	ST0		00600	04.03	34.91	27.73	00.369	1476.8													
	085		00600	04.03	34.910	27.73		1476.8													
	ST0		00700	04.03	34.92	27.74	00.412	1478.4													
	085		00700	04.03	34.920	27.74		1478.4													
	ST0		00800	04.00	34.91	27.74	00.456	1480.0													
	085		00800	04.00	34.915	27.74		1480.0													
	ST0		00900	04.00	34.91	27.74	00.501	1481.6													
	085		00900	04.00	34.915	27.74		1481.6													
	085		00978	03.99	34.915	27.74		1482.9													

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF ID	31 8296	YEAR	1972	BOYD	01170	AIR TEMP	06.1	DIR HGT PER		WIND-DIR 23	INST STD RECORDER	TEN SO 1306
CONSEC	0174	MONTH	04	SHIP EV		WET AUL8	06.1	21 0 2		WIND-SPO 13	TRACE DIR 3	5 SQUARE 4
LAT	47 02.0N	DAY	18	DATA USE	1	BAROMETR	1026.1	SEA		WIND-FDR	DURATION 03.2	2 SQUARE 66
LONG	046 58.5W	HOUR	05.8	AREA	05	CLOUD T/A		CL/TR		WEATHER X5	ORIG ITP 111	1 SQUARE 76

EASTNUM/TIME	LVLTP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OXYG	P34	TOT P	NO2	NO3	S133	P4
05.8	STO	00000	02.83	32.02	25.55	00.000	1457.8							
	DBS	00000	02.83	32.020	25.55		1457.8							
	STO	00010	02.68	32.02	25.56	00.024	1457.3							
	DBS	00010	02.68	32.025	25.56		1457.3							
	STO	00020	01.65	33.10	26.50	00.044	1454.4							
	DBS	00020	01.65	33.100	26.50		1454.4							
	STO	00030	00.99	33.22	26.63	00.059	1451.8							
	DBS	00030	00.99	33.220	26.63		1451.8							
	STO	00040	00.08	33.270	26.73		1449.2							
	DBS	00040	00.08	33.270	26.73		1449.2							
	STO	00050	- 0.09	33.42	26.86	00.085	1447.5							
	DBS	00050	- 0.09	33.420	26.86		1447.5							
	STO	00075	- 0.64	33.66	27.08	00.113	1445.7							
	DBS	00075	- 0.64	33.660	27.08		1445.7							
	STO	00100	- 0.28	33.84	27.21	00.136	1448.0							
	DBS	00100	- 0.28	33.840	27.21		1448.0							
	STO	00125	- 0.17	33.97	27.31	00.156	1449.2							
	DBS	00125	- 0.17	33.975	27.31		1449.2							
	STO	00150	00.63	34.19	27.44	00.174	1453.5							
	DBS	00150	00.63	34.190	27.44		1453.5							
	STO	00200	01.40	34.30	27.48	00.206	1457.9							
	DBS	00200	01.40	34.300	27.48		1457.9							
	STO	00250	02.05	34.44	27.55	00.236	1461.8							
	DBS	00250	02.05	34.445	27.55		1461.8							
	STO	00300	02.42	34.57	27.62	00.262	1464.5							
	DBS	00300	02.42	34.575	27.62		1464.5							
	STO	00400	03.48	34.77	27.68	00.310	1470.9							
	DBS	00400	03.48	34.775	27.68		1470.9							
	STO	00500	03.77	34.85	27.71	00.354	1473.9							
	DBS	00500	03.77	34.850	27.71		1473.9							
	STO	00600	04.03	34.90	27.73	00.398	1476.8							
	DBS	00600	04.03	34.905	27.73		1476.8							
	STO	00700	04.00	34.88	27.72	00.442	1478.3							
	DBS	00700	04.00	34.885	27.72		1478.3							
	STO	00800	04.03	34.91	27.74	00.488	1480.1							
	DBS	00800	04.03	34.915	27.74		1480.1							
	STO	00900	04.01	34.92	27.74	00.532	1481.7							
	DBS	00900	04.01	34.920	27.74		1481.7							
	STO	01000	03.97	34.92	27.75	00.578	1483.2							
	DBS	01000	03.97	34.920	27.75		1483.2							
	STO	01100	03.86	34.92	27.76	00.623	1484.4							
	DBS	01100	03.86	34.920	27.76		1484.4							

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID	31	8246	YEAR	1972	DTOP	01100	AIR TEMP	05.0	OIR HGT	PER	WIND-OIR	25	INST	STO	RECORDR	TEN	SD	1306
CONSEC	0175		MONTH	06	SHIP EV		WET BULB	05.0	26	0	2		TRACE OIR		0	5	SQUARE	4
LAT	47 01.0N		DAY	18	DATA USE	1	BAROMETR	1025.7	SEA		WIND-SPO	13	DURATION		00.2	2	SQUARE	66
LONG	047 08.0W		HOUR	07.5	AREA	05	CLOUD T/A		CL/TR		WEATHER	X4	ORIG IIP	111		1	SQUARE	77
CAS	NUM/TIME	LVL	TP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO	VEL	XYG	P34	TOT P	NO2	NO3	S133	P4	
	STO	00000		02.59	32.07	25.61	00.000	1456.8										
07.5	08S	00000		02.59	32.070	25.61		1456.8										
	STO	00010		02.33	32.16	25.70	00.023	1456.3										
	08S	00010		02.33	32.165	25.70		1456.3										
	STO	00020		01.98	32.16	25.72	00.046	1456.6										
	08S	00020		01.98	32.160	25.72		1456.6										
	STO	00030		00.13	33.06	26.56	00.065	1447.7										
	08S	00030		00.13	33.060	26.56		1447.7										
	STO	00040		- 1.11	33.200	26.72		1442.3										
	08S	00040		- 1.19	33.39	26.88	00.092	1442.4										
	STO	00050		- 1.19	33.395	26.88		1442.4										
	08S	00075		- 0.91	33.52	26.97	00.120	1444.3										
	STO	00075		- 0.91	33.520	26.97		1444.3										
	08S	00100		- 0.70	33.57	27.00	00.147	1445.7										
	STO	00100		- 0.70	33.570	27.00		1445.7										
	08S	00125		- 0.20	34.00	27.33	00.170	1449.0										
	STO	00125		- 0.20	34.000	27.33		1449.0										
	08S	00150		00.20	34.09	27.39	00.188	1451.4										
	STO	00150		00.20	34.095	27.39		1451.4										
	08S	00200		01.51	34.33	27.49	00.220	1458.5										
	STO	00200		01.51	34.330	27.49		1458.5										
	08S	00250		02.13	34.48	27.57	00.249	1462.2										
	STO	00250		02.13	34.480	27.57		1462.2										
	08S	00300		02.86	34.63	27.62	00.275	1466.4										
	STO	00300		02.86	34.630	27.62		1466.4										
	08S	00360		03.93	34.800	27.66	00.323	1471.5										
	STO	00400		03.60	34.79	27.68		1471.5										
	08S	00400		03.60	34.790	27.68		1471.5										
	STO	00465		04.08	34.865	27.69	00.367	1474.9										
	08S	00500		04.00	34.88	27.72		1474.9										
	STO	00500		04.00	34.885	27.72		1474.9										
	08S	00575		04.11	34.905	27.72	00.411	1476.7										
	STO	00600		04.05	34.90	27.72		1476.7										
	08S	00600		04.05	34.900	27.72		1476.7										
	STO	00700		04.03	34.90	27.73	00.456	1478.4										
	08S	00700		04.03	34.900	27.73		1478.4										
	STO	00800		04.03	34.91	27.73	00.501	1480.1										
	08S	00800		04.03	34.910	27.73		1480.1										
	STO	00900		04.01	34.91	27.74	00.546	1481.7										
	08S	00900		04.01	34.910	27.74		1481.7										
	STO	01000		03.89	34.91	27.75	00.591	1482.8										
	08S	01000		03.89	34.910	27.75		1482.8										
	STO	01025		03.80	34.920	27.76		1482.9										

REFID	31	8246	YEAR	1972	DTOP	00783	AIR TEMP	05.6	OIR HGT	PER	WIND-OIR	25	INST	STO	RECORDR	TEN	SD	1306
CONSEC	0176		MONTH	06	SHIP EV		WET BULB	05.6	26	2	3		TRACE OIR		0	5	SQUARE	4
LAT	47 01.0N		DAY	18	DATA USE	1	BAROMETR	1025.7	SEA		WIND-SPO	12	DURATION		00.4	2	SQUARE	66
LONG	047 15.0W		HOUR	08.8	AREA	05	CLOUD T/A		CL/TR		WEATHER	X4	ORIG IIP	111		1	SQUARE	77
CAS	NUM/TIME	LVL	TP	DEPTH	TEMP	SAL	SIGMA-T	GYNOPTH	SNO	VEL	XYG	P34	TOT P	NO2	NO3	S133	P4	
	STO	00000		02.05	32.32	25.85	00.000	1454.8										
28.8	08S	00000		02.05	32.320	25.85		1454.8										
	STO	00010		01.93	32.36	25.89	00.021	1454.5										
	08S	00010		01.93	32.360	25.89		1454.5										
	STO	00020		01.99	32.38	25.90	00.043	1455.0										
	08S	00020		01.99	32.385	25.90		1455.0										
	STO	00030		01.82	32.38	25.91	00.064	1454.4										
	08S	00030		01.82	32.380	25.91		1454.4										
	STO	00040		00.48	32.340	25.96		1448.5										
	08S	00050		- 1.02	32.96	26.52	00.100	1442.6										
	STO	00050		- 1.02	32.960	26.52		1442.6										
	08S	00067		- 1.50	33.305	26.82		1441.1										
	STO	00075		- 1.40	33.38	26.87	00.134	1441.8										
	08S	00075		- 1.40	33.380	26.87		1441.8										
	STO	00100		- 0.88	33.61	27.04	00.161	1444.9										
	08S	00100		- 0.88	33.610	27.04		1444.9										
	STO	00125		- 0.37	33.72	27.11	00.186	1447.9										
	08S	00125		- 0.37	33.720	27.11		1447.9										
	STO	00128		- 0.47	33.735	27.13		1447.5										
	08S	00135		00.04	33.855	27.20		1450.1										
	STO	00145		00.23	33.870	27.20		1451.2										
	08S	00150		00.36	33.86	27.20	00.209	1450.5										
	STO	00150		00.06	33.860	27.20		1450.5										
	08S	00155		- 0.35	33.920	27.19		1449.6										
	STO	00180		- 0.49	33.900	27.26		1448.5										
	08S	00200		00.64	34.11	27.37	00.248	1454.3										
	STO	00200		00.64	34.110	27.37		1454.3										
	08S	00250		01.51	34.36	27.52	00.281	1459.3										
	STO	00250		01.51	34.360	27.52		1459.3										
	08S	00300		02.29	34.51	27.58	00.309	1463.8										
	STO	00300		02.29	34.510	27.58		1463.8										
	08S	00400		03.36	34.75	27.67	00.359	1470.4										
	STO	00400		03.36	34.750	27.67		1470.4										
	08S	00500		03.80	34.84	27.71	00.404	1474.1										
	STO	00500		03.80	34.845	27.71		1474.1										
	08S	00600		03.95	34.88	27.72	00.448	1476.4										
	STO	00600		03.95	34.880	27.72		1476.4										
	08S	00700		03.96	34.88	27.73	00.493	1477.7										
	STO	00700		03.86	34.880	27.73		1477.7										
	08S	00750		03.85	34.885	27.73		1478.5										

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,
7 April 1972–18 June 1972, Prepared from NOIC Listing No. 31–S296.—Continued

REFID 31 8296	YEAR 1972	BOAT 00380	AIR TEMP 05.0	DIR HGT PFR	4140-DIR 23	INST STD RECORDER	TEN SJ 1306
CONSEC 0177	MONTH 06	SHIP FV	WET RULR 05.0	26 2 3	WIND-SPD 13	TRACE DIR 7	5 SQUARE 4
LAT 47 00.6N	DAY 18	DATA USE 1	BAROMETER 1024.4	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 66
LONG 047 22.0W	HOUR 10.2	AREA 05	CLOUD T/A	CL/T/P	WEATHER X4	ORIG T/P 111	1 SQUARE 77

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	CHYG	PJ4	TOT P	NO2	NO3	S113	P4
10.2	STD	00000	02.56	32.23	25.74	00.000	1456.9							
	DBS	00000	02.56	32.235	25.74		1456.9							
	STD	00010	02.52	32.22	25.74	00.023	1456.9							
	DBS	00010	02.52	32.225	25.74		1456.9							
	STD	00020	02.30	32.22	25.75	00.045	1456.1							
	DBS	00020	02.30	32.220	25.75		1456.1							
	STD	00030	- 1.13	32.79	26.39	00.065	1441.5							
	DBS	00030	- 1.13	32.795	26.39		1441.5							
	DBS	00034	- 1.46	32.945	26.52		1441.2							
	STD	00050	- 1.72	33.14	26.69	00.095	1439.5							
	DBS	00050	- 1.72	33.140	26.69		1439.5							
	STD	00075	- 1.70	33.28	26.80	00.127	1440.2							
	DBS	00075	- 1.70	33.280	26.80		1440.2							
	DBS	00092	- 1.59	33.310	26.82		1441.1							
	STD	00100	- 1.43	33.45	26.93	00.157	1442.1							
	DBS	00100	- 1.43	33.450	26.93		1442.1							
	DBS	00106	- 0.84	33.580	27.02		1445.2							
	STD	00125	- 0.57	33.67	27.08	00.183	1446.9							
	DBS	00125	- 0.57	33.670	27.08		1446.9							
	DBS	00140	- 0.17	33.785	27.16		1449.1							
	DBS	00146	- 0.02	33.945	27.20		1450.0							
	STD	00150	00.04	33.86	27.20	00.207	1450.4							
	DBS	00158	00.19	33.880	27.21		1451.2							
	DBS	00169	00.47	33.900	27.22		1452.7							
	DBS	00180	00.25	33.870	27.20		1451.8							
	DBS	00191	00.36	33.990	27.29		1452.5							
	DBS	00194	00.73	34.010	27.29		1454.7							
	STD	00200	00.81	34.02	27.29	00.248	1454.9							
	DBS	00200	00.81	34.020	27.29		1454.9							
	DBS	00212	00.85	34.060	27.32		1455.3							
	DBS	00245	00.79	34.090	27.35		1455.7							
	STD	00250	01.10	34.17	27.39	00.286	1457.3							
	DBS	00257	01.40	34.245	27.43		1458.8							
	DBS	00275	01.41	34.275	27.46		1459.2							
	STD	00300	01.81	34.38	27.52	00.318	1461.5							
	DBS	00300	01.81	34.385	27.52		1461.5							
	DBS	00342	02.33	34.525	27.59		1464.7							
	DBS	00355	02.34	34.530	27.59		1465.0							

REFID 31 8296	YEAR 1972	BOAT 00166	AIR TEMP 05.6	DIR HGT PFR	4140-DIR 23	INST STD RECORDER	TEN SJ 1306
CONSEC 0178	MONTH 05	SHIP FV	WET RULR 05.6	26 2 2	WIND-SPD 13	TRACE DIR 7	5 SQUARE 4
LAT 47 00.0N	DAY 18	DATA USE 1	BAROMETER 1024.0	SEA	WIND-FOR	DURATION 00.1	2 SQUARE 66
LONG 047 30.0W	HOUR 11.2	AREA 05	CLOUD T/A	CL/T/P	WEATHER X4	ORIG T/P 111	1 SQUARE 77

CASSTNUM/TIME	LVL TYP	DEPTH	TEMP	SAL	SIGMA-T	SYNOPTH	SNO VEL	CHYG	PJ4	TOT P	NO2	NO3	S113	P4
11.2	STD	00000	03.10	32.29	25.74	00.000	1459.4							
	DBS	00000	03.10	32.290	25.74		1459.4							
	STD	00010	02.92	32.31	25.77	00.022	1458.8							
	DBS	00010	02.92	32.310	25.77		1458.8							
	STD	00020	02.73	32.33	25.80	00.045	1459.1							
	DBS	00020	02.73	32.330	25.80		1458.1							
	STD	00030	- 1.09	32.83	26.42	00.064	1441.7							
	DBS	00030	- 1.09	32.830	26.42		1441.7							
	STD	00050	- 1.73	33.14	26.69	00.094	1439.5							
	DBS	00050	- 1.73	33.140	26.69		1439.5							
	STD	00075	- 1.72	33.22	26.75	00.127	1443.0							
	DBS	00075	- 1.72	33.220	26.75		1440.0							
	STD	00100	- 1.64	33.36	26.86	00.158	1441.0							
	DBS	00100	- 1.64	33.360	26.86		1441.0							
	STD	00125	- 1.09	33.45	26.92	00.187	1444.1							
	DBS	00125	- 1.09	33.450	26.92		1444.1							
	DBS	00144	- 0.88	33.510	26.96		1445.5							
	STD	00150	- 0.95	33.53	26.98	00.214	1445.3							
	DBS	00150	- 0.95	33.530	26.98		1445.3							
	DBS	00163	- 0.77	34.610	27.85		1447.9							
